



April 25, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 7-19-9-16, 10-19-9-16, 11-19-9-16,
14-19-9-16, 15-19-9-16, 16-19-9-16, 15-21-9-16, 16-21-9-16, 10-22-9-16, and
15-22-9-16.

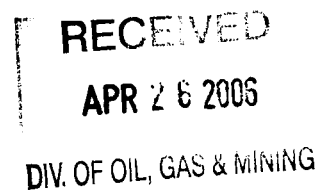
Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 11-19-9-16, 14-19-9-16, 10-22-9-16, and 15-22-9-16 are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,


Mandie Crozier
Regulatory Specialist

mc
enclosures



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

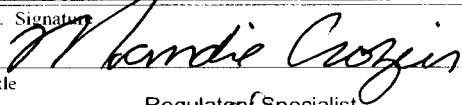

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74391
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or C/A Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 16-19-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33163
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 467' FSL 733' FEL 572162X 40.010515 At proposed prod. zone 4424057Y 110.154512		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 15.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 19, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2173' f/lse, NA f/unit	16. No. of Acres in lease 2139.50	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1399'	19. Proposed Depth 6010'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6180' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/25/06
Title Regulatory Specialist		
Approved By (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-27-06
Title Officer	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

RECEIVED

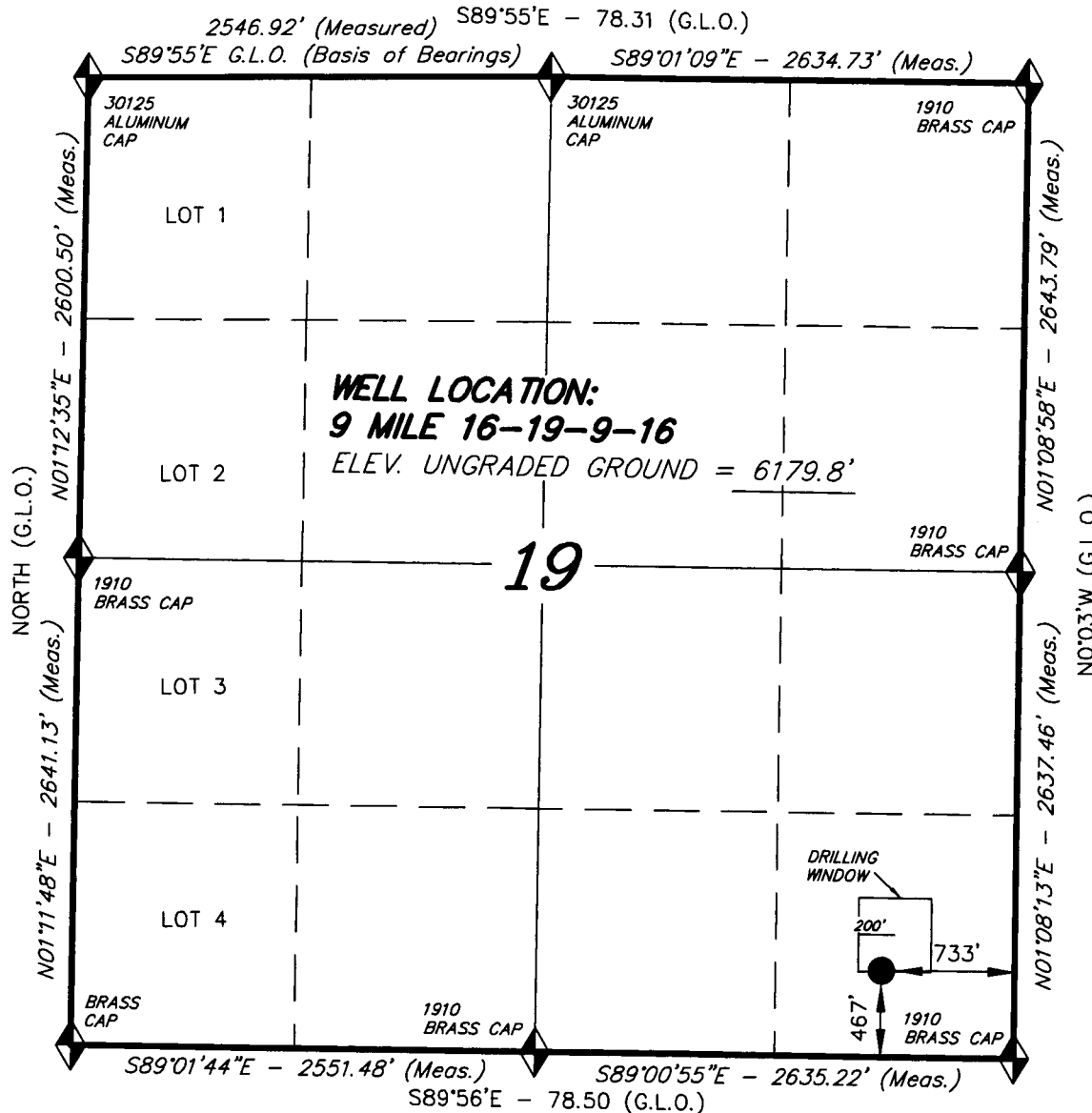
APR 26 2006

DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 16-19-9-16,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

REGISTERED LAND SURVEYOR
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 16-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 37.63"
LONGITUDE = 110° 09' 19.05"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
FEDERAL #16-19-9-16
SE/SE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2300'
Green River	2300'
Wasatch	6010'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2300' – 6010' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #16-19-9-16
SE/SE SECTION 19, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #16-19-9-16 located in the SE 1/4 SE 1/4 Section 19, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 12.0 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 1.0 miles \pm passing the 15-19-9-16 location to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Olive Black.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-225, 7/13/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #16-19-9-16 Newfield Production Company requests a 470' ROW be granted in Lease UTU-64379 and 4660' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 470' ROW in Lease UTU-64379 and 4660' of disturbed area be granted in Lease UTU-74391 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes

a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #16-19-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

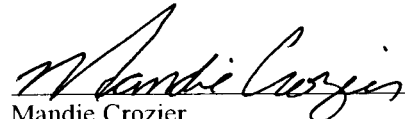
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-19-9-16 SE/SE Section 19, Township 9S, Range 16E: Lease UTU-74391 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/25/06

Date

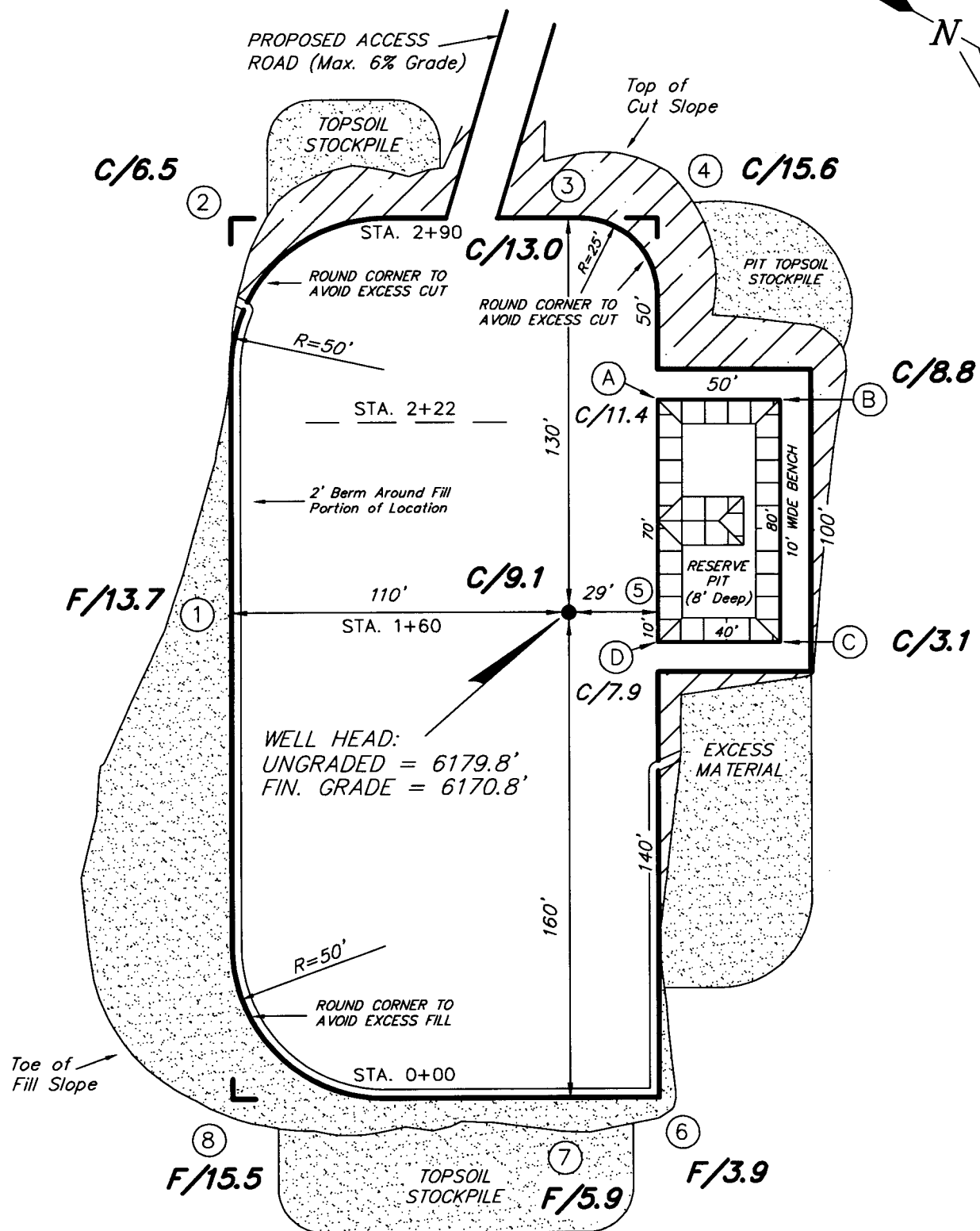


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 16-19-9-16

Section 19, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

180' SOUTHWESTERLY = 6186.5'

230' SOUTHWESTERLY = 6188.3'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 4-10-06

Tri State
Land Surveying, Inc.

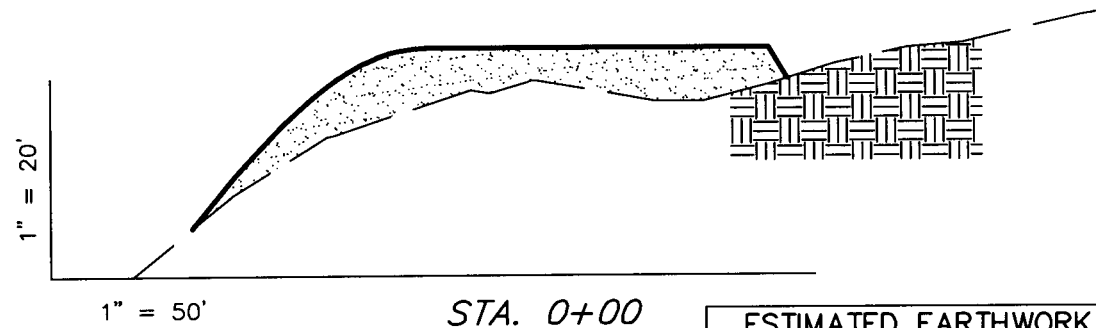
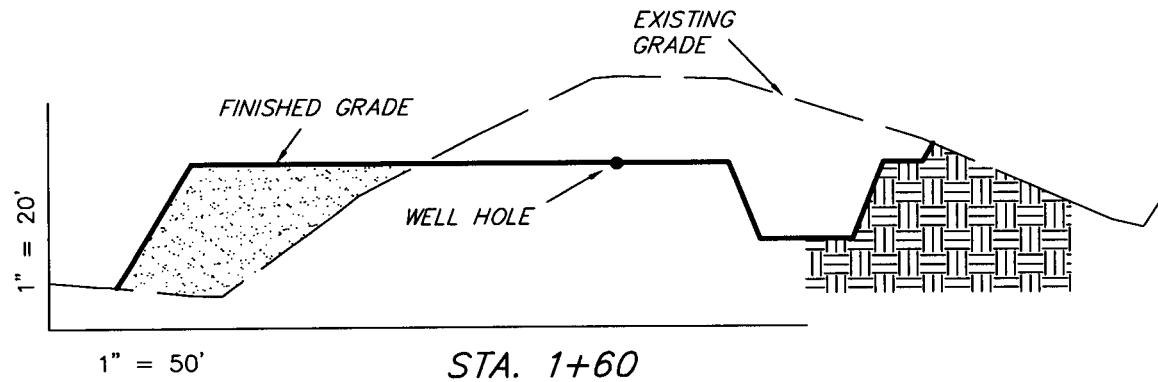
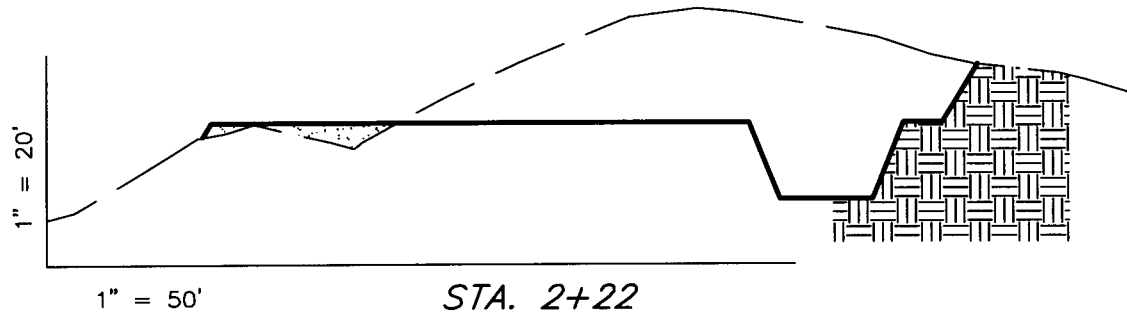
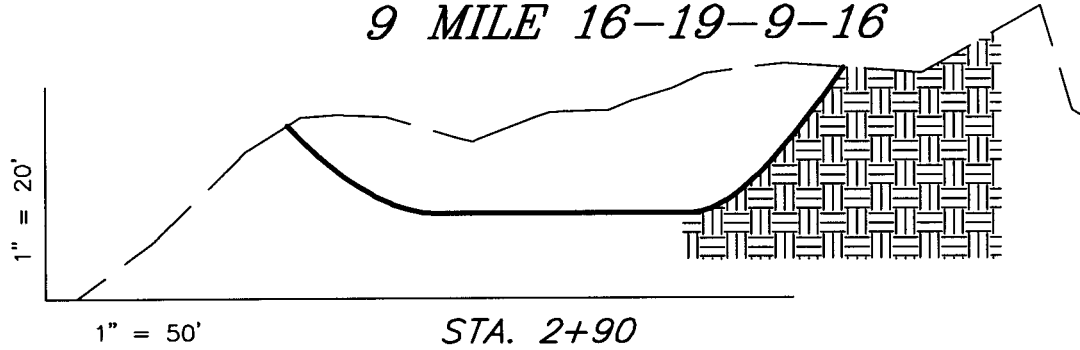
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 16-19-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,680	6,680	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	7,320	6,680	1,080	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 4-10-06

(435) 781-2501

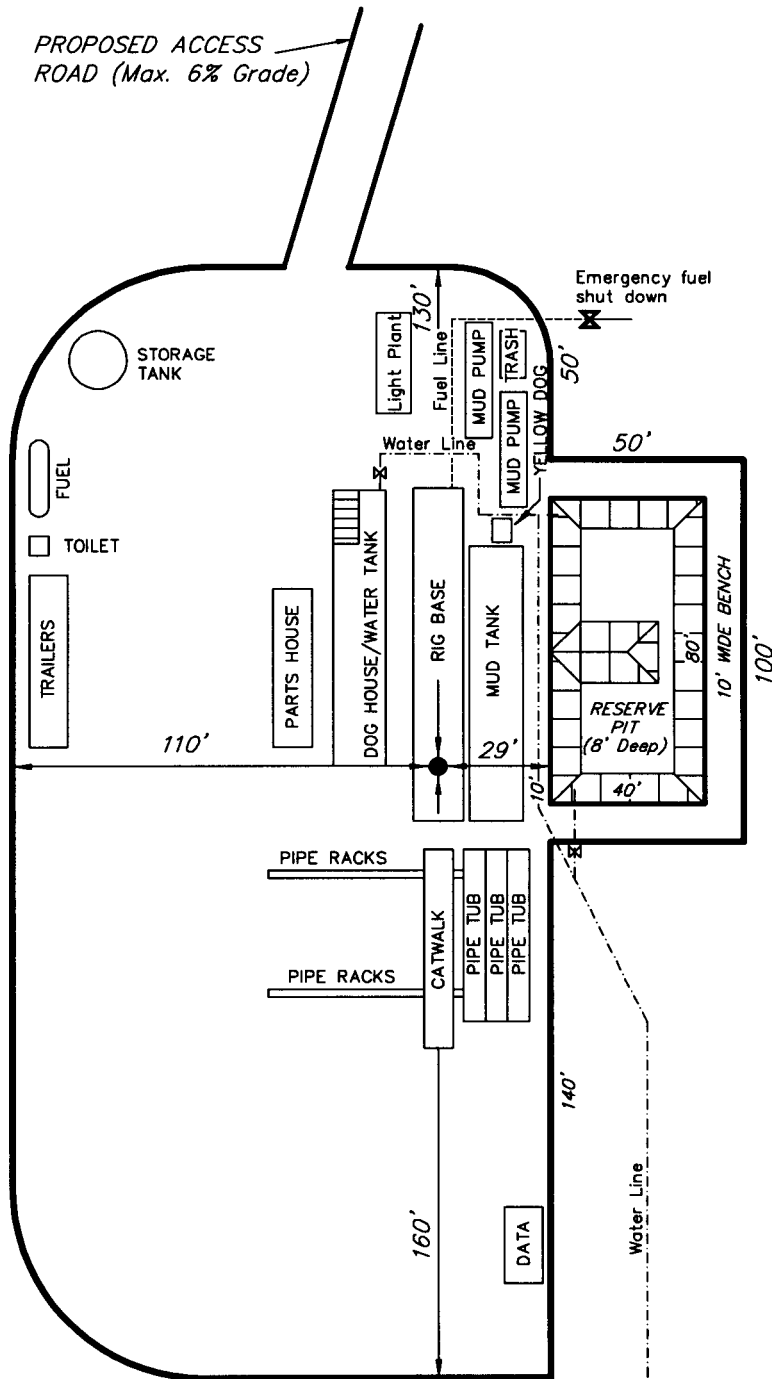
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 16-19-9-16

PROPOSED ACCESS
ROAD (Max. 6% Grade)



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: M.W.

DATE: 4-10-06

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

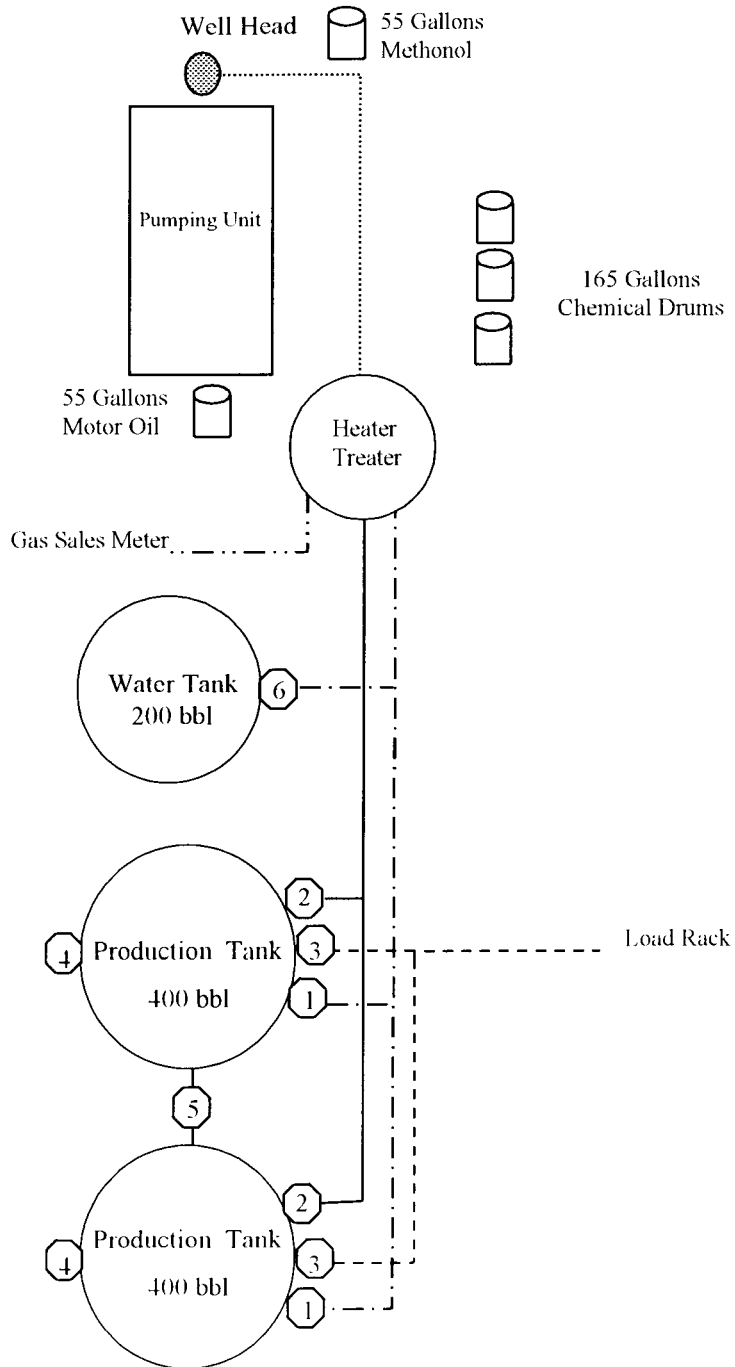
Newfield Production Company Proposed Site Facility Diagram

Federal 16-19-9-16

SE/SE Sec. 19, T9S, 16E

Duchesne County, Utah

UTU-74391



Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales
Oil Line	—————

Production Phase:

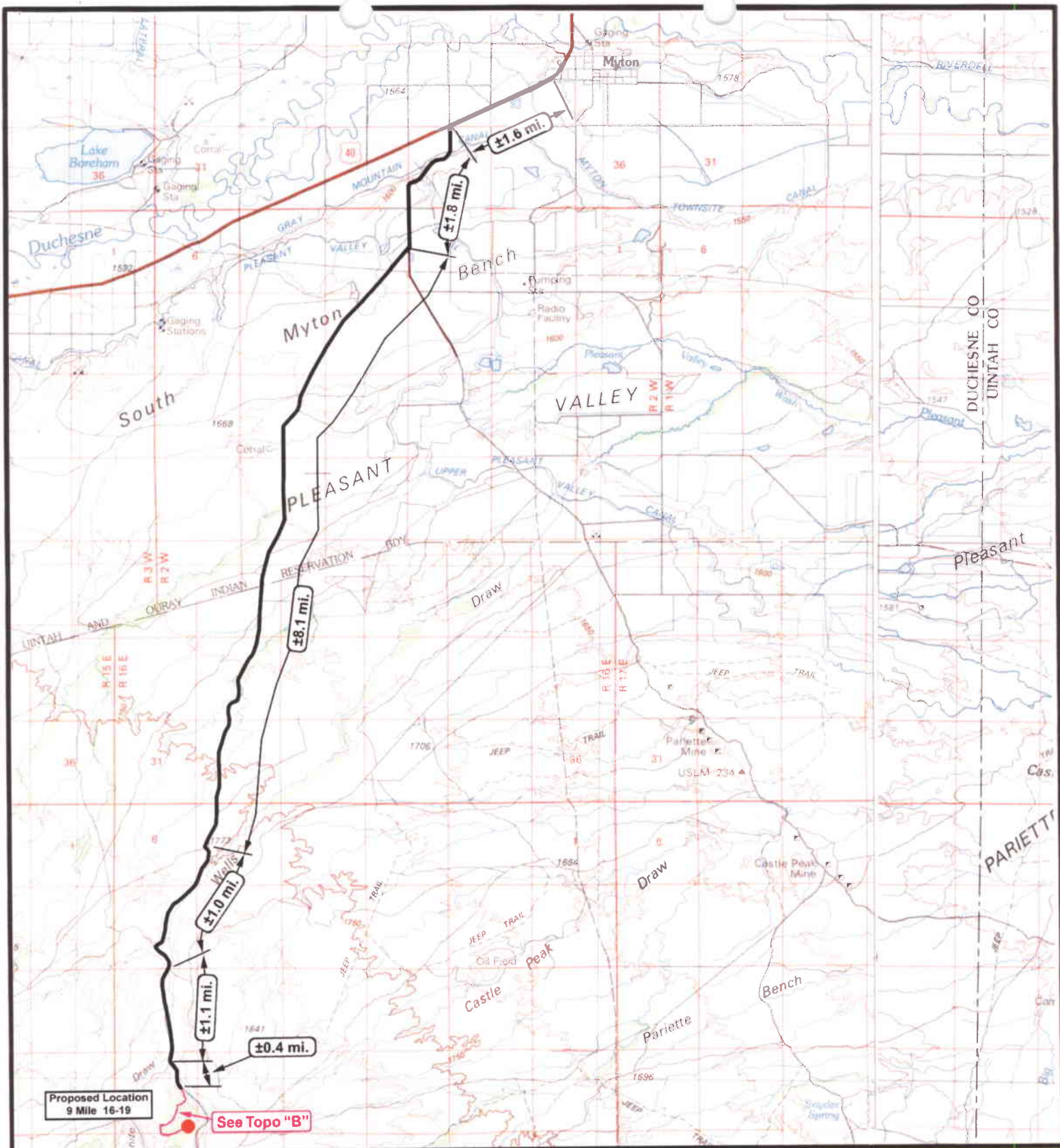
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open



Proposed Location
9 Mile 16-19

See Topo "B"



NEWFIELD
Exploration Company

9 Mile 16-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



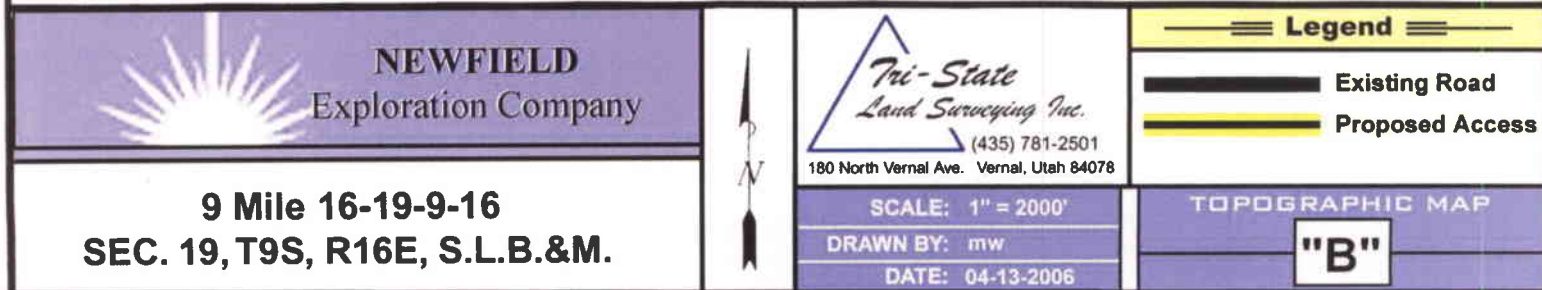
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

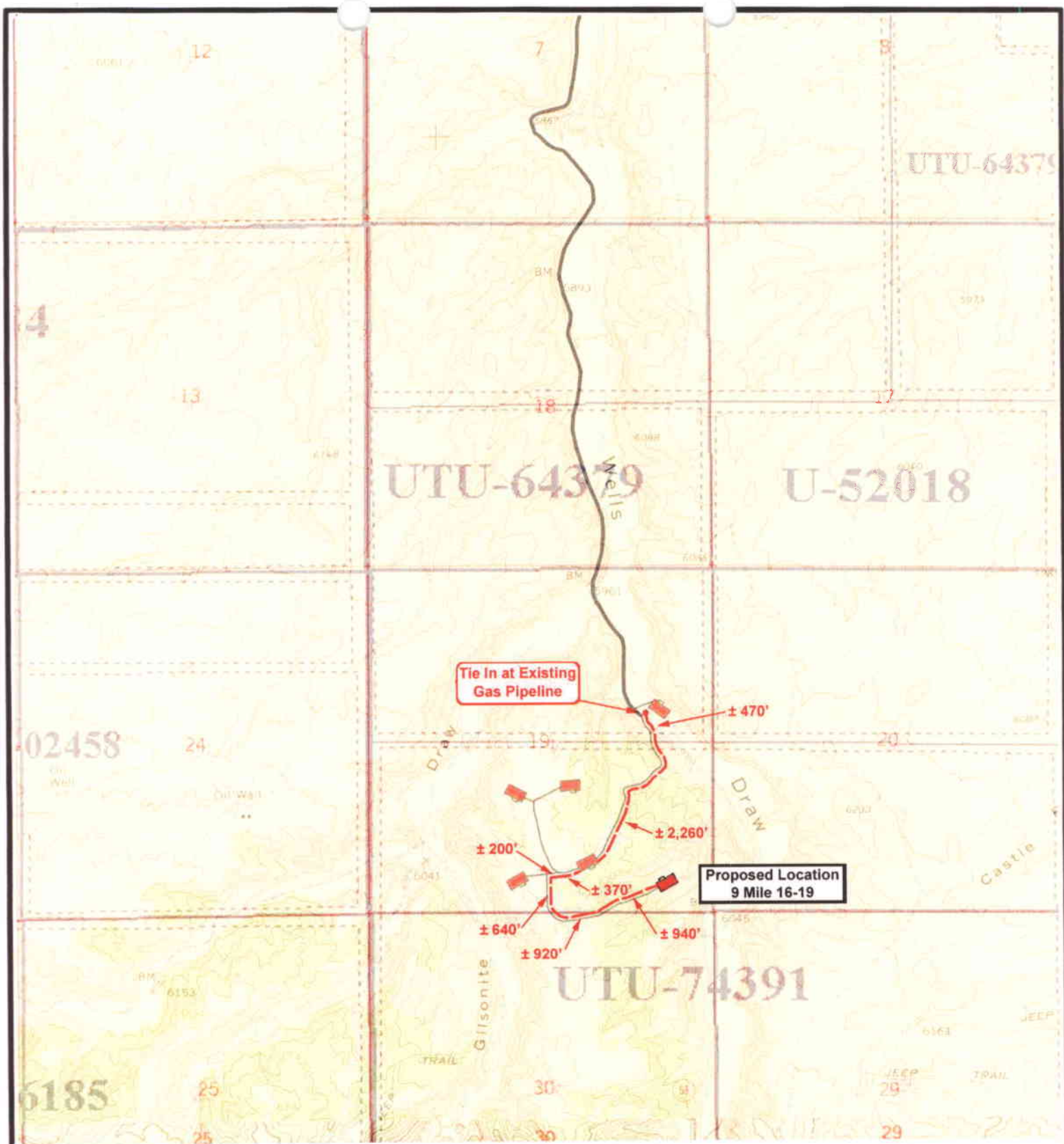
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 04-13-2006

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

9 Mile 16-19-9-16
SEC. 19, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.

(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

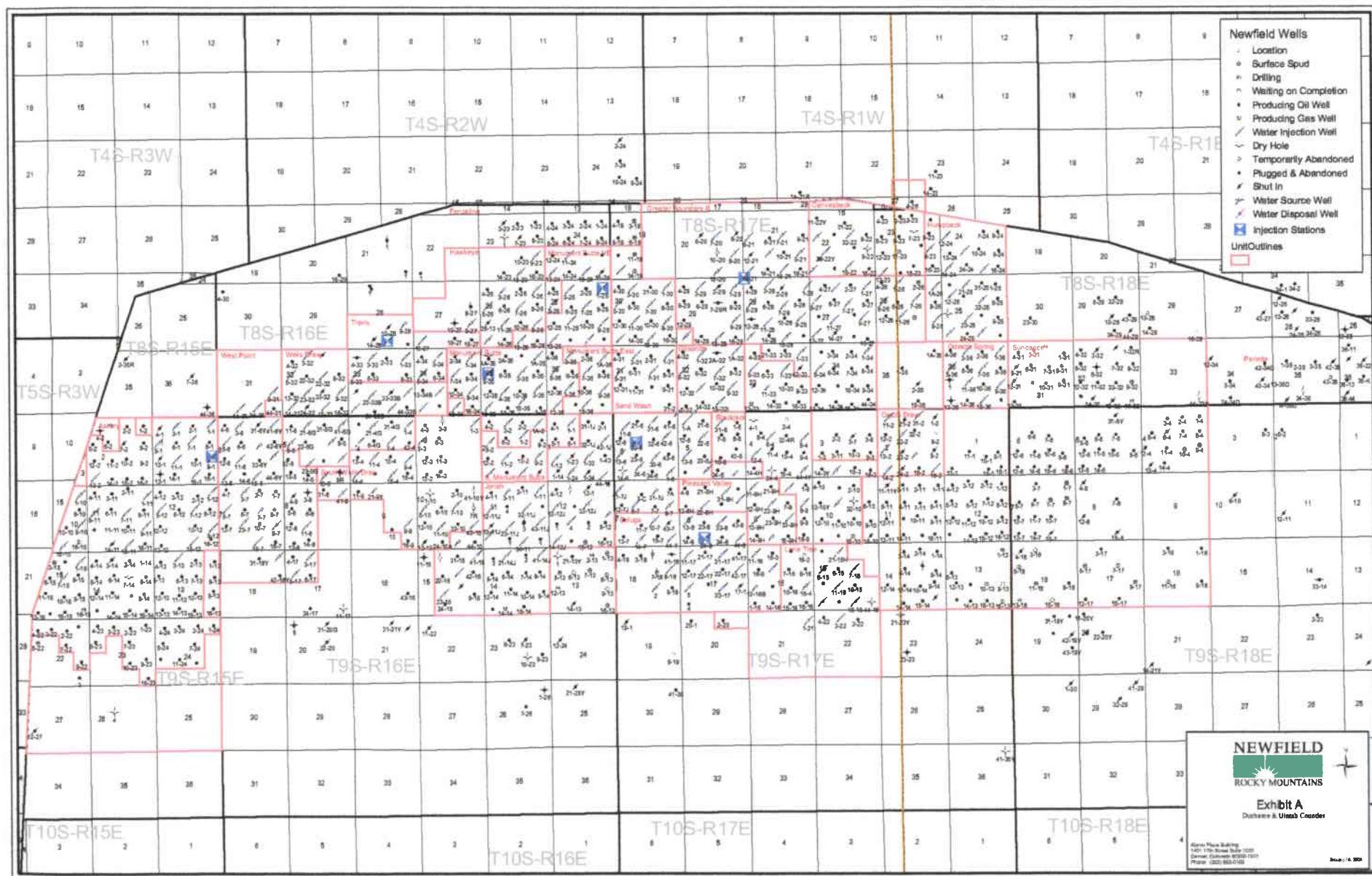
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DRAWN BY: mw
DATE: 04-13-2006

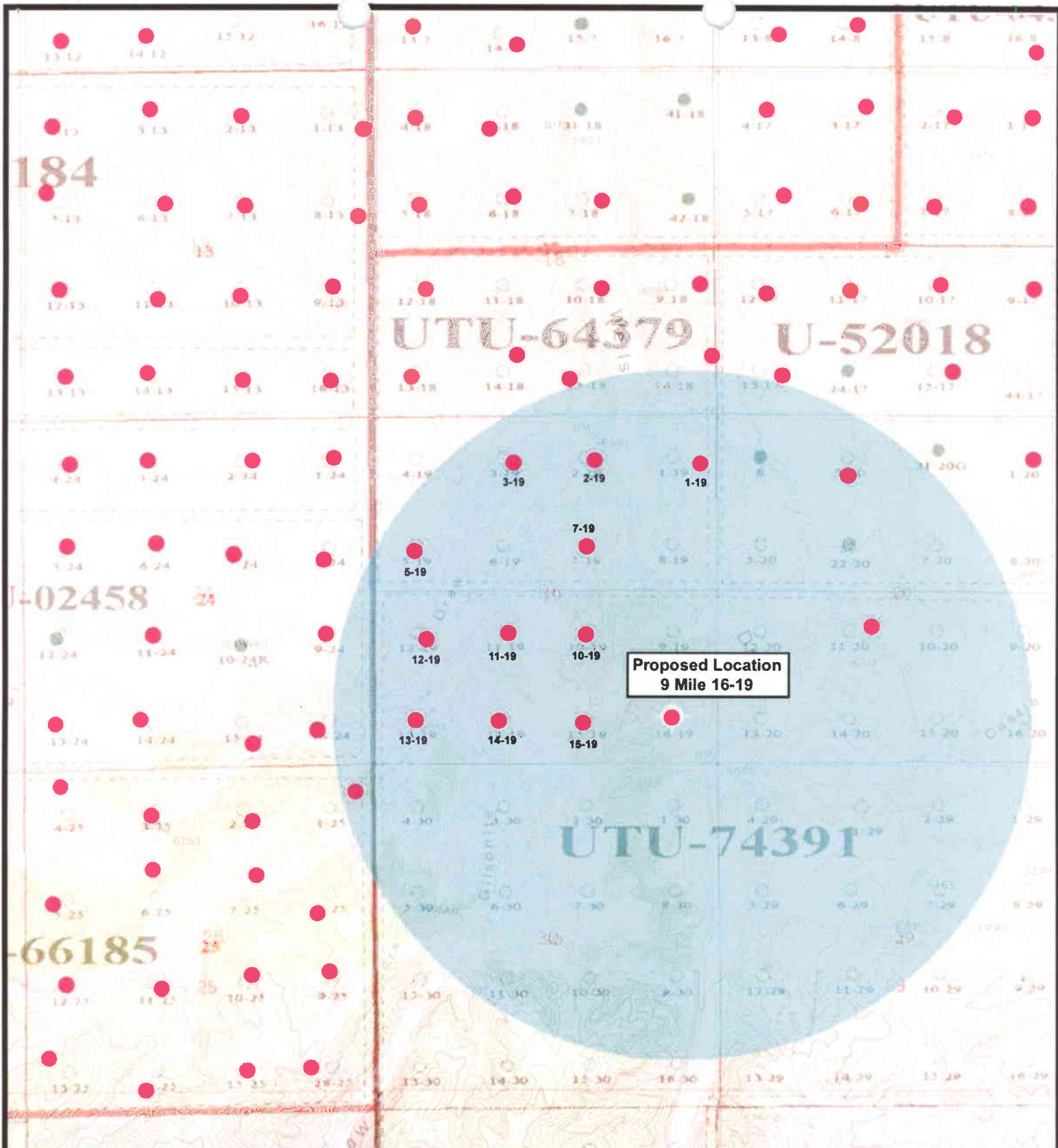
Legend




— Roads
- - - Proposed Gas Line

TOPOGRAPHIC MAP

"C"





 <p>NEWFIELD Exploration Company</p> <p>9 Mile 16-19-9-16 SEC. 19, T9S, R16E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 04-13-2006</p>	<p>Legend</p> <p>● Well Locations ● One-Mile Radius</p> <p>Exhibit "B"</p>
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2-M SYSTEM

Blowout Prevention Equipment Systems

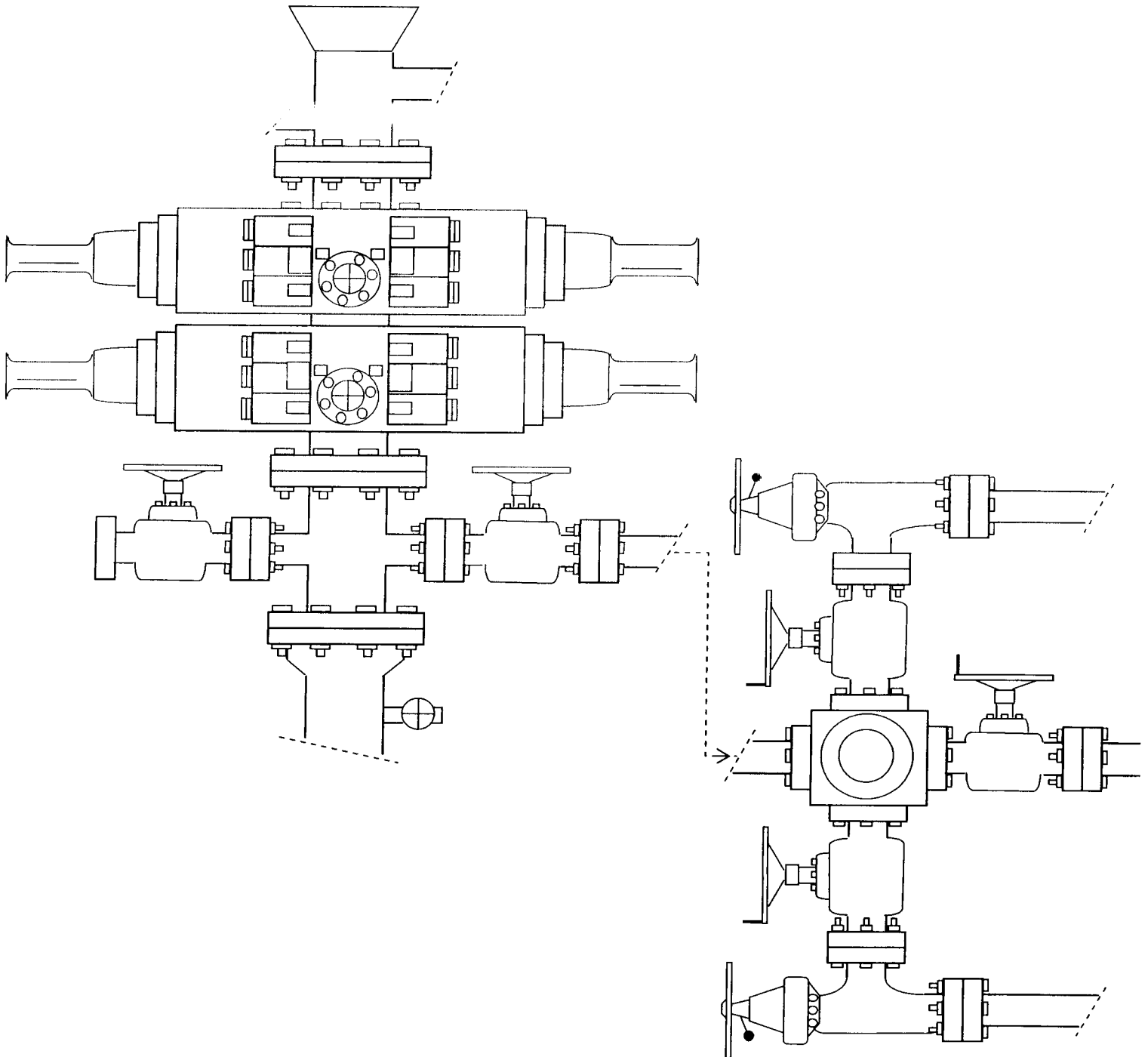


EXHIBIT C

Exhibit "D"
Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 19 AND 20,
DUCHESNE COUNTY, UTAH

By:

Shari Maria Silverman

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-225

July 13, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0668b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/26/2006

API NO. ASSIGNED: 43-013-33163

WELL NAME: FEDERAL 16-19-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESE 19 090S 160E

SURFACE: 0467 FSL 0733 FEL

BOTTOM: 0467 FSL 0733 FEL

COUNTY: DUCHESNE

LATITUDE: 40.01052 LONGITUDE: -110.1545

UTM SURF EASTINGS: 572162 NORTHINGS: 4429057

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74391

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: ___
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___
___ R649-3-11. Directional Drill

COMMENTS:

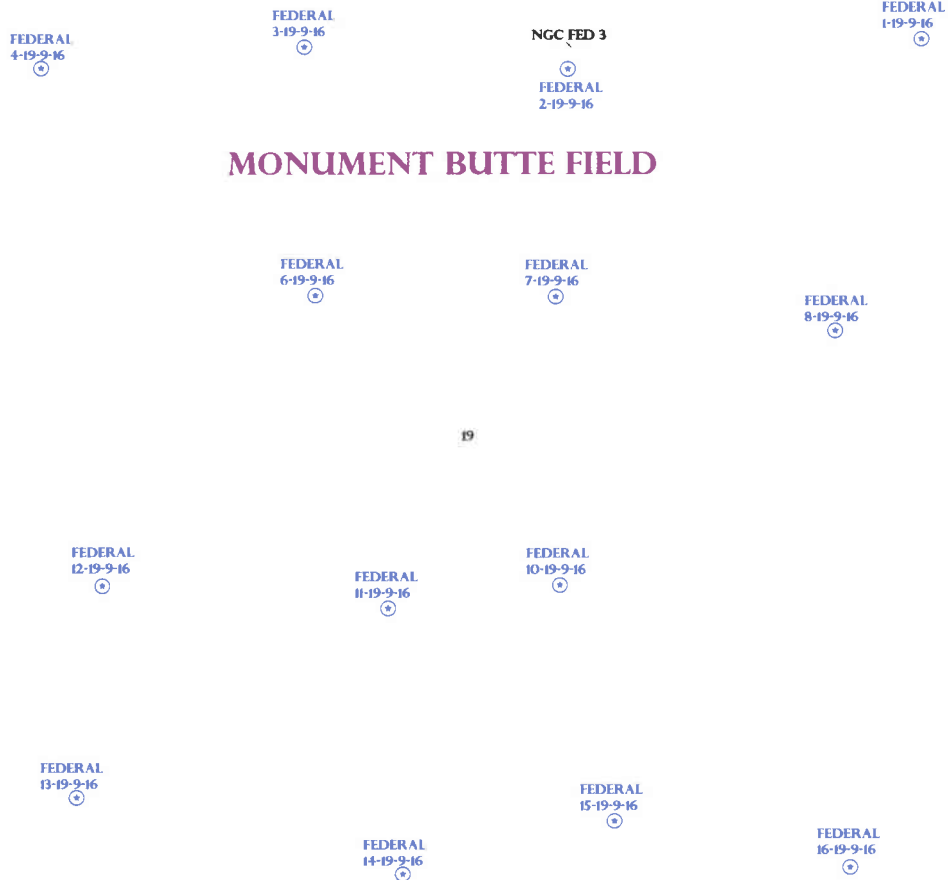
See Separate File

STIPULATIONS:

*1- Fed. of Approval
2- Sealing Strip*

T9S R15E T9S R16E

MONUMENT BUTTE FIELD



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 19 T. 9S R. 16E

FIELD: MONUMENT BUTT (105)

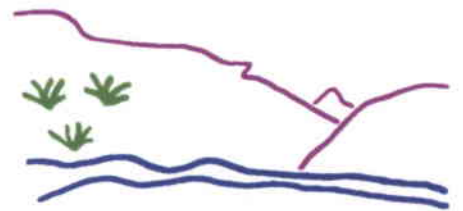
COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
 [] ABANDONED
 [] ACTIVE
 [] COMBINED
 [] INACTIVE
 [] PROPOSED
 [] STORAGE
 [] TERMINATED

Unit Status
 [] EXPLORATORY
 [] GAS STORAGE
 [] NF PP OIL
 [] NF SECONDARY
 [] PENDING
 [] PI OIL
 [] PP GAS
 [] PP GEOTHERML
 [] PP OIL
 [] SECONDARY
 [] TERMINATED

Wells Status
 [] GAS INJECTION
 [] GAS STORAGE
 [] LOCATION ABANDONED
 [] NEW LOCATION
 [] PLUGGED & ABANDONED
 [] PRODUCING GAS
 [] PRODUCING OIL
 [] SHUT-IN GAS
 [] SHUT-IN OIL
 [] TEMP. ABANDONED
 [] TEST WELL
 [] WATER INJECTION
 [] WATER SUPPLY
 [] WATER DISPOSAL
 [] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 27-APRIL-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 16-19-9-16 Well, 467' FSL, 733' FEL, SE SE, Sec. 19, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33163.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 16-19-9-16
API Number: 43-013-33163
Lease: UTU-74391

Location: SE SE **Sec.** 19 **T.** 9 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 26 2006

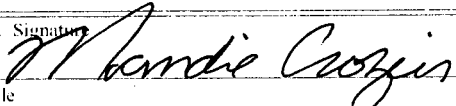
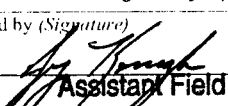
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74391
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 16-19-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 467' FSL 733' FEL At proposed prod. zone		9. API Well No. 43-013-33163
10. Field and Pool, or Exploratory Monument Butte		11. Sec., T., R., M., or Blk. and Survey or Area SE/SE Sec. 19, T9S R16E
12. Distance in miles and direction from nearest town or post office* Approximatley 15.1 miles southwest of Myton, Utah		12. County or Parish Duchesne
13. State UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2173' f/lse, NA f/unit	16. No. of Acres in lease 2139.50	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1399'	19. Proposed Depth 6010'	20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6180' GL	22. Approximate date work will start* 3rd Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Terry Kencel	Date 3-2-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

MAR 06 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

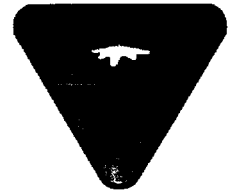
No NOS

07BM4667A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 16-19-9-16
API No: 43-013-33163

Location: SESE, Sec 19, T9S, R16E
Lease No: UTU-74391
Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | |
|---|--|
| Location Construction
(Notify Chuck Macdonald) | - Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Chuck Macdonald) | - Prior to moving on the drilling rig. |
| Spud Notice
(Notify Petroleum Engineer) | - Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Petroleum Engineer) | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

LEASE STIPULATIONS AND NOTICES

- Wildlife Stipulations:
 - 1) No surface occupancy is allowed (does not apply to casual use) within ½ mile of golden eagle nests which have been active within the past two years. This restriction will not apply to maintenance and operation of existing programs and facilities. It will not apply if impacts could be mitigated through other management actions or site specific analysis of terrain features. Protection of golden eagle nest sites as described in the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)
 - 2) There are three Golden Eagle nests next to each other and are located 0.35 miles east of the proposed location, but are not in line-of-site. The nests are also 0.25 miles of the proposed access road. **With this occurrence there will be a time restriction to protect Golden Eagle nesting from February 1 – July 15.**
 - 3) **No surface use is allowed within crucial deer and elk winter range during December 1 – April 30.** This stipulation does not apply to operation and maintenance of production facilities or if animals are not present. Preventing adverse impacts that would cause significant impacts that would cause significant displacements of deer or elk herds or loss of habitat as described by the Diamond Mountain Resource Management Plan and EIS. Waivers, Exceptions, or Modifications to this limitation may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated. Any changes to this stipulation will be made in accordance with the land use plan and/or regulatory provisions for such changes.

Lease Notices from Resource Management Plan-Wildlife:

The lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and CFR 3101.1-2.

Comments- Wildlife:

1. **No Surface Occupancy (NSO) does not apply to the Golden Eagle stipulation because the nest is not in line-of-site within 0.5 miles from the proposed location or the proposed access road.**
2. The proposed location is within crucial deer and elk habitat.
3. Operator agrees to use low profile production tanks on location.

4. Operator agrees to build a berm on the east side of the location to reduce the visual impacts to the Golden Eagle nests.
5. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL

- **ROW (Right of Way):**
Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction.
Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Trees and woody debris must be removed from the site and piled separately off site and saved for final reclamation. During final reclamation the trees and woody debris will be drug back over the recontoured and seeded areas, and spread evenly across the site. Trees and woody debris will not account for more than 20% of the total surface area of the site.
- The interim seed mix for this location shall be:

Needle and Threadgrass (<i>Hesperostipa comata</i>):	4 lbs/acre
Indian Ricegrass (<i>Achnatherum hymenoides</i>):	4 lbs/acre
Shadscale (<i>Atriplex confertifolia</i>)	4 lbs/acre
Scarlet Globemallow (<i>Sphaeralcea coccinea</i>)	1 lbs/acre

 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted Olive Black.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

467 FSL 733 FEL SE/SE Section 19, T9S R16E

5. Lease Designation and Serial No.

UTU-74391

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FEDERAL 16-19-9-16

9. API Well No.

43-013-33163

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 4/27/06 (expiration 4/27/07).

This APD was approved by the BLM on 3/2/07.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-09-07
By: [Signature]

RECEIVED
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DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

4/4/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33163
Well Name: Federal 16-19-9-16
Location: SE/SE Section 19,T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

4/4/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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APR 09 2007
DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 16-19-9-16

Api No: 43-013-33163 Lease Type: FEDERAL

Section 19 Township 09S Range 16E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 10/31/07

Time 9:00 AM

How DRY

Drilling will Commence: _____

Reported by JIM

Telephone # (435) 823-2072

Date 10/31/07 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16473	4301333101	FEDERAL 8-19-9-16	SENE	19	9S	16E	DUCHESNE	10/25/2007	11/20/07
WELL 1 COMMENTS: GRUV											
A	99999	16474	4304739491	UTE TRIBAL 3-25-4-1	NENW	25	4S	1W	DUCHESNE	10/27/2007	11/20/07
GRUV											
A	99999	16475	4301333162	FEDERAL 15-19-9-16	SWSE	19	9S	16E	DUCHESNE	10/29/2007	11/20/07
GRUV											
B	99999	11492	4301333496	JONAH FED J-6-9-17	SENE	6	9S	17E	DUCHESNE	10/29/2007	11/20/07
GRUV BHL = SENE											
B	99999	11492	4301333494	JONAH FED H-6-9-17	SWNE	6	9S	17E	DUCHESNE	10/30/2007	11/20/07
WELL 5 COMMENTS: GRUV BHL = SWNE 43-013-33494											
A	99999	16476	4301333163	FEDERAL 16-19-9-16	SESE	19	9S	16E	DUCHESNE	10/31/2007	11/20/07
WELL 5 COMMENTS: GRUV											

ACTION CODES (See instructions on back of form)
A - new entity for new well (dry to well only)
B - well to existing entity (group or unit well)
C - Jo in one existing entity to another existing entity
D - well from one existing entity to a new entity
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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NOV 02 2007

OIL, GAS & MINING

Signature: *[Signature]* Jenri Park
Production Clerk
Date: 11/01/07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-74391

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 16-19-9-16

9. API Well No.
4301333163

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
467 FSL 733 FEL
SESE Section 19 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/31/07 MIRU Ross # 24. Spud well @ 9:00 am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 324.64'KB. On 11/03/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

11/09/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

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NOV 14 2007

DIV. OF OIL, GAS & MINERAL

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 324.64

LAST CASING 8 5/8" set @ 324.64
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 16-19-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross rig # 24

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.67'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	312.36
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	314.64
TOTAL LENGTH OF STRING	314.64	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	324.64
TOTAL	312.79	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	312.79	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	Spud	10/31/2007	9:00 AM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE		10/31/2007	3:30 PM	Bbls CMT CIRC TO SURFACE <u>3</u>
BEGIN CIRC		11/3/2007	12:27 PM	RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT		11/3/2007	12:37 PM	
BEGIN DSPL. CMT		11/3/2007	12:50 PM	BUMPED PLUG TO <u>832</u> PSI
PLUG DOWN		11/3/2007	12:58 PM	

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Jim Smith DATE 11/3/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE. Other Instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

467 FSL 733 FEL

SESE Section 19 T9S R16E

5. Lease Serial No.

USA UTU-74391

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 16-19-9-16

9. API Well No.

4301333163

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/28/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 265'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5819'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 137 jt's of 5.5 J-55, 15.5# csgn. Set @ 5819' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 38 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 1:30 PM on 12/3/07.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Signature

Justin Crum

Title

Drilling Foreman

Date

12/11/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

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DEC 12 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5819.05

Flt cllr @ 5762'

LAST CASING 8 5/8" SET AT 320'

OPERATOR Newfield Production Company

DATUM 12

WELL Federal 11-19-9-16

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 5900' LOGGER 5928'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 3820'					
135	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5762.45
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	43.35
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5821.05
TOTAL LENGTH OF STRING		5821.05	137	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		86.76	1	CASING SET DEPTH			5819.05
TOTAL		5892.56	137	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5892.56	137				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		12/3/2007	12:00 AM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		12/3/2007	7:30 AM	Bbls CMT CIRC TO SURFACE <u>38</u>			
BEGIN CIRC		12/3/2007	7:30 AM	RECIPROCATED PIPE FOR <u> </u> THRU <u> </u> FT STROKE			
BEGIN PUMP CMT		12/3/2007	9:54 AM	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN DSPL. CMT		12/3/2007	10:45 AM	BUMPED PLUG TO <u>2370</u> PSI			
PLUG DOWN		12/3/2007	11:10 AM				
CEMENT USED				CEMENT COMPANY- B. J.			
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum DATE 12/3/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE. Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include area code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 -467 FSL 733 FEL
 SESE Section 19 T9S R16E

5. Lease Serial No.
 UTU-74391

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
 FEDERAL 16-19-9-16

9. API Well No.
 4301333163

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 02/20/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title Office	Date
--	-----------------	------

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

FEB 20 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

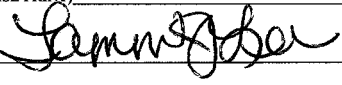
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 467 FSL 733 FEL		8. WELL NAME and NUMBER: FEDERAL 16-19-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 19, T9S, R16E		9. API NUMBER: 4301333163
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
STATE: UT		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/19/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above mentioned well went on production 2/19/08. See attached daily activity report.

NAME (PLEASE PRINT) <u>Tammi Lee</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>02/29/2008</u>

(This space for State use only)

RECEIVED
MAR 03 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 16-19-9-16**12/1/2007 To 4/29/2008****1/29/2008 Day: 1****Completion**

Rigless on 1/28/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5774' & cement top @ 114'. Perforate stage #1, LODC sds @ 5113-5124' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 44 shots. 137 bbls EWTR. SIFN.

2/9/2008 Day: 2**Completion**

Rigless on 2/8/2008 - Stage #1, LODC sands. RU BJ Services. 57 psi on well. Frac LODC sds w/ 50,640#'s of 20/40 sand in 476 bbls of Lightning 17 fluid. Broke @ 2803 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2517 psi @ ave rate of 22 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2765 psi. Leave pressure on well. 613 BWTR Stage #2, A1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 5000'. Perforate A1 sds @ 4888-4897' w/ 3-1/8" Slick Guns (19 gram, .39" HE, 120°, 42.5" pen, Titan EXP 3319-331T) w/ 4 spf for total of 36 shots. RU BJ Services. 2255 psi on well. Frac A1 sds w/ 30,199#'s of 20/40 sand in 394 bbls of Lightning 17 fluid. Broke @ 3996 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2251 psi @ ave rate of 19.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2240 psi. Leave pressure on well. 1007 BWTR Stage #3, C sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 4760'. Perforate C sds @ 4664- 4672' w/ 3-1/8" Slick Guns (19 gram, .39" HE, 120°, 42.5" pen, Titan EXP-3319-331T) w/ 4 spf for total of 32 shots. RU BJ Services. 1532 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services. Frac C sds w/ 34,297#'s of 20/40 sand in 404 bbls of Lightning 17 fluid. Broke @ 3569 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2310 psi @ ave rate of 27.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1950 psi. Leave pressure on well. 1411 BWTR Stage #4, D1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 4620'. Perforate D1 sds @ 4514- 4520' w/ 3-1/8" Slick Guns (19 gram, .39" HE, 120°, 42.5" pen, Tital EXP-3319-331T) w/ 4 spf for total of 24 shots. RU BJ Services. 1770 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. 1646 psi on well. RU BJ services. Pressured up to 4200 psi, Would not break down. RU WL & dump bail acid (2 times due to misrun). RU BJ Services. 1210 psi on well. Pressured up to 4200 psi, Would not breakdown. Shut in well w/ 4000 psi. 1411 BWTR.

2/10/2008 Day: 3**Completion**

Rigless on 2/9/2008 - 650 psi on well. RU BJ Services & pump on D1 sds--takes fluid @ 2200 psi. Frac D1 sds W/ 28,511# 20/40 sd in 381 bbls Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed W/ 30 gals of Techni-hib 767W. Treated @ ave press of 2109 psi W/ ave rate of 27.2 BPM. ISIP-1930 psi. RD BJ & WLT. RU to flowback well. Rec est 60 BTF in 1 hour--well went on vacuum. SIFN W/ est 1732 BWTR.

2/13/2008 Day: 4**Completion**

Leed #712 on 2/12/2008 - MIRU Leed #712. Well on vacuum. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. RU floor & tbg works. Lay pump lines & talley tbg. SIFN W/ est 1732 BWTR.

2/14/2008 Day: 5**Completion**

Leed #712 on 2/13/2008 - Talley, drift, PU & TIH W/ new Weatherford 4 3/4" chomp bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4500'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4500', plug @ 4620' in 15 minutes; sd @ 4730', plug @ 4760' in 25 minutes; no sd, plug @ 5000' in 30 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5638'. PU swivel. Drill plug remains & sd to 5765' (lack 9' f/ FC depth of 5774'). Circ hole clean. Lost est 120 BW during cleanout. RD swivel & pull EOT to 5635'. SIFN W/ est 1852 BWTR.

2/16/2008 Day: 6

Completion

Leed #712 on 2/15/2008 - Hot oiler steamed & thawed out WH, Tbg & BOP. 0 psi on well. RU swab equipment. IFL @ surface. Made 12 runs. Rec 170 BTF. FFI 700'. Trace oil, No sand. RD swab equipment. PU & RIH w/ 5 jts of tbg. Tagged sand @ 5770'. Circulate clean down to PBTD @ 5774'. LD 20 jts of tbg. TOH w/ tbg. 120 jts out well started blowing gas. Circulated well. TOH w/ 20 jts. Well started flowing heavy gas (22 jts of tbg & bit left in hole). Chained down tbg & Shut in well. Bullhead 70 BW down tbg. Well still flowing heavy gas. ISIP 600 psi. SIFN W/ est 182 BWTR. Will haul in brine wtr to kill well on Monday.

2/19/2008 Day: 7

Completion

Leed #712 on 2/18/2008 - Thaw well. Bleed down well to 200 psi., started flowing oil. RU hotoiler to tbg. Pump 130 bbls brine down tbg. to kill well. RIH w/ tbg. to 2000'. RU pump to tbg. Pump 130 bbls brine down tbg. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 162 jts 2 7/8" tbg. ND BOP. Set TAC @ 5101' w/ 14,000# tension. NU wellhead. SWIFN.

2/20/2008 Day: 8

Completion

Leed #712 on 2/19/2008 - Thaw well. RIH w/ CDI 2 1/2" x 1 1/2" x 14' x 18' RHAC pump, 6- 1 1/2" weight bars, 136- 3/4" guided rods, 62- 7/8" guided rods, 1- 8', 6', 2' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 4:00 p.m. 120" stroke length, 5 spm. Final Report.

Pertinent Files: [Go to File List](#)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 467' FSL & 733' FEL SESE

At top prod. Interval reported below

At total depth

14. API NO. 43-013-33163 DATE ISSUED 4/27/07 12. COUNTY OR PARISH DUCHESNE 13. STATE UT

15. DATE SPUDDED 10/31/07 16. DATE T.D. REACHED 12/3/07 17. DATE COMPL. (Ready to prod.) 2/19/08 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6180' GL 6192' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5900' 21. PLUG BACK T.D., MD & TVD 5774' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY -----> ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* GREEN RIVER 4514'-5124' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324.64'	12 1/4"	To surface w/ 160sx of class "C" cement	
5-1/2" J-55	15.5#	5819.05'	7 7/8"	300sx of Premilite II & 400sx of 50/50 poz	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5198'	5099'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

LODC sds 5113'-5124'	49"	4/44	5113'-5124'	Frac w/ 50640#s of 20/40 sand in 476 bbls of fluid
A1 sds 4888'-4897'	49"	4/36	4888'-4897'	Frac w/ 30199 #s of 20/40 sand in 394 bbls of fluid
C sds 4664'-4672'	49"	4/32	4664'-4672'	Frac w/ 34297 #s of 20/40 sand in 404 bbls of fluid
D1 sds 4514'-4520'	49"	4/24	4514'-4520'	Frac w/ 28511 #s of 20/40 sand in 381 bbls of fluid

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
2/19/08		2 1/2" X 1 1/2" X 14' X 18' RHAC Pump				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBLs.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			----->	0	1064	3	356
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
			----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Tammi Lee TITLE Production Technician DATE 3/14/2008

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 16-19-9-16	Garden Gulch Mkr	3495'	
				Garden Gulch 1	3721'	
				Garden Gulch 2	3828'	
				Point 3 Mkr	4073'	
				X Mkr	4337'	
				Y-Mkr	4370'	
				Douglas Creek Mkr	4478'	
				BiCarbonate Mkr	4704'	
				B Limestone Mkr	4796'	
				Castle Peak	5367'	
				Basal Carbonate	5807'	
				Wasatch	0	
Total Depth (Loggers)	5900'					

NEWFIELD



Well Name: Federal 16-19-9-16
 LOCATION: S19, T9S, R16E
 COUNTY/STATE: Duchesne
 43-013-33163

Spud Date: 10-31-07
 TD: 5900'
 CSG: 12-3-07
 POP: 2-19-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
2/19/2008				2142				POP @ 4:00 P.M. w/ 120" SL @ 5 SPM. 2142 Total water to recover
2/20/2008	16	0	43	2099	0	0	#	
2/21/2008	24	0	126	1973	0	300	5	
2/22/2008	24	2	97	1876	0	900	5	
2/23/2008	14	0	53	1823	332	1100	5	
2/24/2008	24	0	20	1803	115	1400	5	
2/25/2008	24	0	0	1803	0	1400	5	GAS FROZE OFF
2/26/2008	24	0	0	1803	48	1400	5	
2/27/2008	24	0	0	1803	42	1400	5 1/2	
2/28/2008	24	0	0	1803	42	1400	5 1/2	
2/29/2008	24	0	0	1803	42	1400	5 1/2	
3/1/2008	24	0	0	1803	393	1200	5 1/2	
3/2/2008	24	0	0	1803	136	1200	5 1/2	
3/3/2008	24	0	0	1803	41	1400	5 1/2	
3/4/2008	24	0	0	1803	78	800	5 1/2	
3/5/2008	24	0	0	1803	49	600	5	
3/6/2008	24	0	0	1803	98	400	5 1/2	
3/7/2008	24	0	0	1803	322	1500	5	
3/8/2008	24	0	0	1803	78	250	5	Lowered rods to tag
3/9/2008	24	0	3	1800	78	250	5	
3/10/2008	24	0	0	1800	172	1400	5	Can't keep tag
3/11/2008	24	0	0	1800	108	1400	5	
3/12/2008	24	0	0	1800	40	1500	5 1/2	
3/13/2008				1800				
3/14/2008				1800				
3/15/2008				1800				
3/16/2008				1800				
3/17/2008				1800				
3/18/2008				1800				
3/19/2008				1800				
3/20/2008				1800				
3/21/2008				1800				
		2	342		2214			

58555



March 15, 2011

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-Completion
Federal 16-19-9-16
Sec. 19, T9S, R16E
API # 43-013-33163

Dear Mr. Hill:

The subject well had new perforations added. The well was then put back on production. Please find enclosed the sundry and daily activity report. You may contact me at 435-646-4874 or lchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Administrative Assistant

RECEIVED

MAR 21 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74391

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
FEDERAL 16-19-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333163

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 467 FSL 733 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 19, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/04/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted on 03/04/2011 and then placed back on production. The following perforations were added in the Green River Formation:

PB8 4279-4281' 3 JSPF 6 holes
PB8 4288-4290' 3 JSPF 6 holes
PB8 4294-4298' 3 JSPF 12 holes

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 03/15/2011

(This space for State use only)

RECEIVED

MAR 21 2011

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 16-19-9-16****1/1/2011 To 5/30/2011****1/28/2011 Day: 1****Tubing Leak**

NC #1 on 1/28/2011 - POOH W/-Rod Production, N/U BOP, POOH W/-Tbg Prod, Found Hole In Jt #162, Start P/Tst I/Hle W/-Tbg Prod, SWI, C/SDFN - 9:00AM MIRU NC#1, 1 Mile Rig Move. BMW H/Oiler pmp 60 BW D/Tbg, HIT. R/D Unit, POOH W/-Rod Production & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, POOH W/-162 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C. Flushed Tbg W/-50 BW On TOOH Due To Oil. P/U & RIH W/-N/C, 2 Used Jts Tbg, S/N, 1 New Jt Tbg, 5 1/2" T/A, 19 New Jts Tbg, 10 Used Jts Tbg, pmp 10 BW Pad D/Tbg, Drop SV, P/Tst Tbg To 4500 Psi, Good Test. SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 115 BWTR. - 9:00AM MIRU NC#1, 1 Mile Rig Move. BMW H/Oiler pmp 60 BW D/Tbg, HIT. R/D Unit, POOH W/-Rod Production & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, POOH W/-162 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C. Flushed Tbg W/-50 BW On TOOH Due To Oil. P/U & RIH W/-N/C, 2 Used Jts Tbg, S/N, 1 New Jt Tbg, 5 1/2" T/A, 19 New Jts Tbg, 10 Used Jts Tbg, pmp 10 BW Pad D/Tbg, Drop SV, P/Tst Tbg To 4500 Psi, Good Test. SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 115 BWTR. - 9:00AM MIRU NC#1, 1 Mile Rig Move. BMW H/Oiler pmp 60 BW D/Tbg, HIT. R/D Unit, POOH W/-Rod Production & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, POOH W/-162 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C. Flushed Tbg W/-50 BW On TOOH Due To Oil. P/U & RIH W/-N/C, 2 Used Jts Tbg, S/N, 1 New Jt Tbg, 5 1/2" T/A, 19 New Jts Tbg, 10 Used Jts Tbg, pmp 10 BW Pad D/Tbg, Drop SV, P/Tst Tbg To 4500 Psi, Good Test. SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 115 BWTR. - 9:00AM MIRU NC#1, 1 Mile Rig Move. BMW H/Oiler pmp 60 BW D/Tbg, HIT. R/D Unit, POOH W/-Rod Production & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U Flr, Rel T/A, POOH W/-162 Jts Tbg, T/A, 1 Jt Tbg, S/N, 2 Jts Tbg, N/C. Flushed Tbg W/-50 BW On TOOH Due To Oil. P/U & RIH W/-N/C, 2 Used Jts Tbg, S/N, 1 New Jt Tbg, 5 1/2" T/A, 19 New Jts Tbg, 10 Used Jts Tbg, pmp 10 BW Pad D/Tbg, Drop SV, P/Tst Tbg To 4500 Psi, Good Test. SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 115 BWTR.

Daily Cost: \$0**Cumulative Cost: \$5,019****1/31/2011 Day: 2****Tubing Leak**

NC #1 on 1/31/2011 - Continue P/Tsting Tbg Prod I/Hle Final Tst 3,000 Psi, Set T/A, N/D BOP, N/U W/HD. RIH W/-pmp & Rod Prod, Seat pmp, Fill Tbg, Stroke Unit & Tbg To 800 Psi, Good Tst. R/D Rig, POP, (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-133 Used Jts Tbg, P/Test I/Hle To 3,000 Psi, Good Test. R/U S/Line Ovrshot, RIH & Fish SV. N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 1"X4' 3 Per Pony Rod, 6-1 1/2 Wt Bars, 117-3/4 4 Per, Bttm 24 New, Top 6 New, 81-7/8 4 Per, Top 3 New, 1-7/8X2' Pony New, 1 1/2X26' Polish Rod, Seat pmp, R/U Unit, BMW H/Oiler Fill Tbg W/- 24 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, POP @ 3:00PM, 102" SL, 4 SPM, 169 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-133 Used Jts Tbg, P/Test I/Hle To 3,000 Psi, Good Test. R/U S/Line Ovrshot, RIH & Fish SV. N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 1"X4' 3 Per Pony Rod, 6-1 1/2 Wt Bars, 117-3/4 4 Per, Bttm 24 New, Top 6 New, 81-7/8 4 Per, Top 3 New, 1-7/8X2' Pony New, 1 1/2X26' Polish Rod, Seat pmp, R/U Unit, BMW H/Oiler Fill Tbg W/- 24 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, POP @ 3:00PM, 102" SL, 4 SPM, 169 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-133 Used Jts Tbg, P/Test I/Hle To 3,000 Psi, Good Test. R/U S/Line Ovrshot, RIH & Fish SV. N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-CDI 2

1/2X1 1/2X16X20' RHAC, 1"X4' 3 Per Pony Rod, 6-1 1/2 Wt Bars, 117-3/4 4 Per, Bttm 24 New, Top 6 New, 81-7/8 4 Per, Top 3 New, 1-7/8X2' Pony New, 1 1/2X26' Polish Rod, Seat pmp, R/U Unit, BMW H/Oiler Fill Tbg W/- 24 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, POP @ 3:00PM, 102" SL, 4 SPM, 169 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-133 Used Jts Tbg, P/Test I/Hle To 3,000 Psi, Good Test. R/U S/Line Ovrshot, RIH & Fish SV. N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 1"X4' 3 Per Pony Rod, 6-1 1/2 Wt Bars, 117-3/4 4 Per, Bttm 24 New, Top 6 New, 81-7/8 4 Per, Top 3 New, 1-7/8X2' Pony New, 1 1/2X26' Polish Rod, Seat pmp, R/U Unit, BMW H/Oiler Fill Tbg W/- 24 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, POP @ 3:00PM, 102" SL, 4 SPM, 169 BWTR (Final Report).

Daily Cost: \$0

Cumulative Cost: \$18,573

3/3/2011 Day: 3

Recompletion

NC #3 on 3/3/2011 - RU BJ to frac, swab well clean. - Flush tbg w/ 30 bbls water @ 250°. RU VES to run gyro survey. Tagged @ 5699'. RD VES. ND wellhead. Release TA. NU BOP. RU rig floor. TOH & talley w/ 162- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ RBP, SN, 131- jts 2 7/8. Set RBP @ 4360'. TOH w/ 131- jts 2 7/8, & ret head. RD rig floor. ND BOP. ND wellhead. NU frac head & BOP. Pressure test BOP, RBP & csg to 4500 psi w/ 110 bbls water. Good test. RU Perforator to perforate PB11- 4294'-98', 4288'-90', 4279'-81. RD Perforators. RU hot oil truck to break down new zones. Perfs broke @ 3700 psi w/ 5 bbls water. SDFD. - RU BJ to frac PB11- 4294'-98', 4288'-90', 4279'-81'. Frac screened out. RD BJ. Open well to flow back. Well flowed back 60 bbls. ND BOP & frac head. NU production head & BOP. RU rig floor. PU TIH w/ ret head & 109- jts 2 7/8. Had to circulate tbg down to solid fill. Tag fill @ 3417'. Clean out fill to 4340'. CWC. LD 3- jts 2 7/8. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 17 bbls water. Good test. Unseat rod pump. TOH w/ 81- 7/8 guided rods, 117- 3/4 guided rods, 6- 1 1/2 wt bars, 1- 4' x 7/8 stabilizer, rod pump. Pump looked good. X- over to tbg eq. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 17 bbls water. Good test. Unseat rod pump. TOH w/ 81- 7/8 guided rods, 117- 3/4 guided rods, 6- 1 1/2 wt bars, 1- 4' x 7/8 stabilizer, rod pump. Pump looked good. X- over to tbg eq. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 17 bbls water. Good test. Unseat rod pump. TOH w/ 81- 7/8 guided rods, 117- 3/4 guided rods, 6- 1 1/2 wt bars, 1- 4' x 7/8 stabilizer, rod pump. Pump looked good. X- over to tbg eq. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 17 bbls water. Good test. Unseat rod pump. TOH w/ 81- 7/8 guided rods, 117- 3/4 guided rods, 6- 1 1/2 wt bars, 1- 4' x 7/8 stabilizer, rod pump. Pump looked good. X- over to tbg eq. SDFD. - RU BJ to frac PB11- 4294'-98', 4288'-90', 4279'-81'. Frac screened out. RD BJ. Open well to flow back. Well flowed back 60 bbls. ND BOP & frac head. NU production head & BOP. RU rig floor. PU TIH w/ ret head & 109- jts 2 7/8. Had to circulate tbg down to solid fill. Tag fill @ 3417'. Clean out fill to 4340'. CWC. LD 3- jts 2 7/8. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 17 bbls water. Good test. Unseat rod pump. TOH w/ 81- 7/8 guided rods, 117- 3/4 guided rods, 6- 1 1/2 wt bars, 1- 4' x 7/8 stabilizer, rod pump. Pump looked good. X- over to tbg eq. SDFD. - Flush tbg w/ 30 bbls water @ 250°. RU VES to run gyro survey. Tagged @ 5699'. RD VES. ND wellhead. Release TA. NU BOP. RU rig floor. TOH & talley w/ 162- jts 2 7/8, TA, 1- jt 2 7/8, SN, 2- jts 2 7/8, NC. PU TIH w/ RBP, SN, 131- jts 2 7/8. Set RBP @ 4360'. TOH w/ 131- jts 2 7/8, & ret head. RD rig floor. ND BOP. ND wellhead. NU frac head & BOP. Pressure test BOP, RBP & csg to 4500 psi w/ 110 bbls water. Good test. RU Perforator to perforate PB11- 4294'-98', 4288'-90', 4279'-81. RD Perforators. RU hot oil truck to break down new

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<http://www.inewfld.com/denver/SumActRpt.asp?RC=160085&API=4301333163&MinDa...> 3/11/2011

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Finalized**Daily Cost:** \$0**Cumulative Cost:** \$59,681**3/4/2011 Day: 4****Recompletion**

NC #3 on 3/4/2011 - Swab well clean & trip tbg for production. - RU sandline to swab. IFL @ 1300'. Made 9 swab runs & recovered 130 bbls water w/ trace oil & trace sand. FFL @ 2000'. RD sandline. TIH w/ 3- jts 2 7/8. Tag fill @ 4310'. Clean out fill to CBP @ 4360'. CWC. Release CBP. TOH w/ 131- jts 2 7/8, & CBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 164- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 1- 4' x 1" stabilizer, 6- 1 1/2 wt bars, 119- 3/4 guided rods (bottom 2 new), 81- 7/8 guided rods, 8', 4', 2', x 7/8 pony rods, 1 1/2 x 26' polish rod. Fill tbg w/ 15 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 7:00 W/ 122" SL @ 5 SPM FINAL REPORT!! - RU sandline to swab. IFL @ 1300'. Made 9 swab runs & recovered 130 bbls water w/ trace oil & trace sand. FFL @ 2000'. RD sandline. TIH w/ 3- jts 2 7/8. Tag fill @ 4310'. Clean out fill to CBP @ 4360'. CWC. Release CBP. TOH w/ 131- jts 2 7/8, & CBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 164- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 1- 4' x 1" stabilizer, 6- 1 1/2 wt bars, 119- 3/4 guided rods (bottom 2 new), 81- 7/8 guided rods, 8', 4', 2', x 7/8 pony rods, 1 1/2 x 26' polish rod. Fill tbg w/ 15 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 7:00 W/ 122" SL @ 5 SPM FINAL REPORT!! - RU sandline to swab. IFL @ 1300'. Made 9 swab runs & recovered 130 bbls water w/ trace oil & trace sand. FFL @ 2000'. RD sandline. TIH w/ 3- jts 2 7/8. Tag fill @ 4310'. Clean out fill to CBP @ 4360'. CWC. Release CBP. TOH w/ 131- jts 2 7/8, & CBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 164- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 1- 4' x 1" stabilizer, 6- 1 1/2 wt bars, 119- 3/4 guided rods (bottom 2 new), 81- 7/8 guided rods, 8', 4', 2', x 7/8 pony rods, 1 1/2 x 26' polish rod. Fill tbg w/ 15 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU. POP @ 7:00 W/ 122" SL @ 5 SPM FINAL REPORT!! - RU sandline to swab. IFL @ 1300'. Made 9 swab runs & recovered 130 bbls water w/ trace oil & trace sand. FFL @ 2000'. RD sandline. TIH w/ 3- jts 2 7/8. Tag fill @ 4310'. Clean out fill to CBP @ 4360'. CWC. Release CBP. TOH w/ 131- jts 2 7/8, & CBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 164- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 1- 4' x 1" stabilizer, 6- 1 1/2 wt bars, 119- 3/4 guided rods (bottom 2 new), 81- 7/8 guided rods, 8', 4', 2', x 7/8 pony rods, 1 1/2 x 26' polish rod. Fill tbg w/ 15 bbls water. Stroke test rod pump to 800 psi.

Good test. RDMOSU. POP @ 7:00 W/ 122" SL @ 5 SPM FINAL REPORT!!

Daily Cost: \$0

Cumulative Cost: \$70,256

Pertinent Files: [Go to File List](#)

Sundry Number: 59146 API Well Number: 43013331630000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391																														
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)																														
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 16-19-9-16																															
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013331630000																															
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0487 FSL 0733 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE STATE: UTAH																														
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/20/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input checked="" type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMBING PRODUCE FORMATIONS</td> <td><input checked="" type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIBETBACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> WITTA STATUS EXTENSION</td> <td><input type="checkbox"/> WPD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMBING PRODUCE FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIBETBACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> WITTA STATUS EXTENSION	<input type="checkbox"/> WPD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p style="text-align: center;">The above reference well was put on injection at 2:40 PM on 04/20/2014.</p>																																
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician																														
SIGNATURE N/A		DATE 12/18/2014																														

RECEIVED: Dec. 18, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

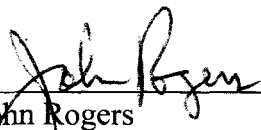
Cause No. UIC-415.11

Operator: Newfield Production Company
Well: Federal 16-19-9-16
Location: Section 19, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33163
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 11, 2014.
2. Maximum Allowable Injection Pressure: 1,901 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,827' – 5,774')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

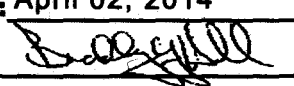
4/14/2014
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FEDERAL 16-19-9-16			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013331630000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0467 FSL 0733 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 03/24/2014. On 03/24/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/25/2014 the casing was pressured up to 1382 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.					
Accepted by the Utah Division of Oil, Gas and Mining Date: April 02, 2014 By: 					
620 4/15/11 Jensen, Chris					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874			
SIGNATURE N/A		TITLE Water Services Technician DATE 3/31/2014			

Sundry Number: 49330 API Well Number: 43013331630000

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Chris Jensen Date 3/25/14 Time 1:30 am pm
Test Conducted by: Troy Lantry
Others Present: _____

Well: Federal 16-A-9-16

Field: MBIF

Well Location: SE 1/4 Sec. 19, T9S, R16E
Duchesne Co. UT.

API No: 43-013-33163

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1381</u>	psig
5	<u>1383</u>	psig
10	<u>1383</u>	psig
15	<u>1383</u>	psig
20	<u>1382</u>	psig
25	<u>1382</u>	psig
30 min	<u>1382</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

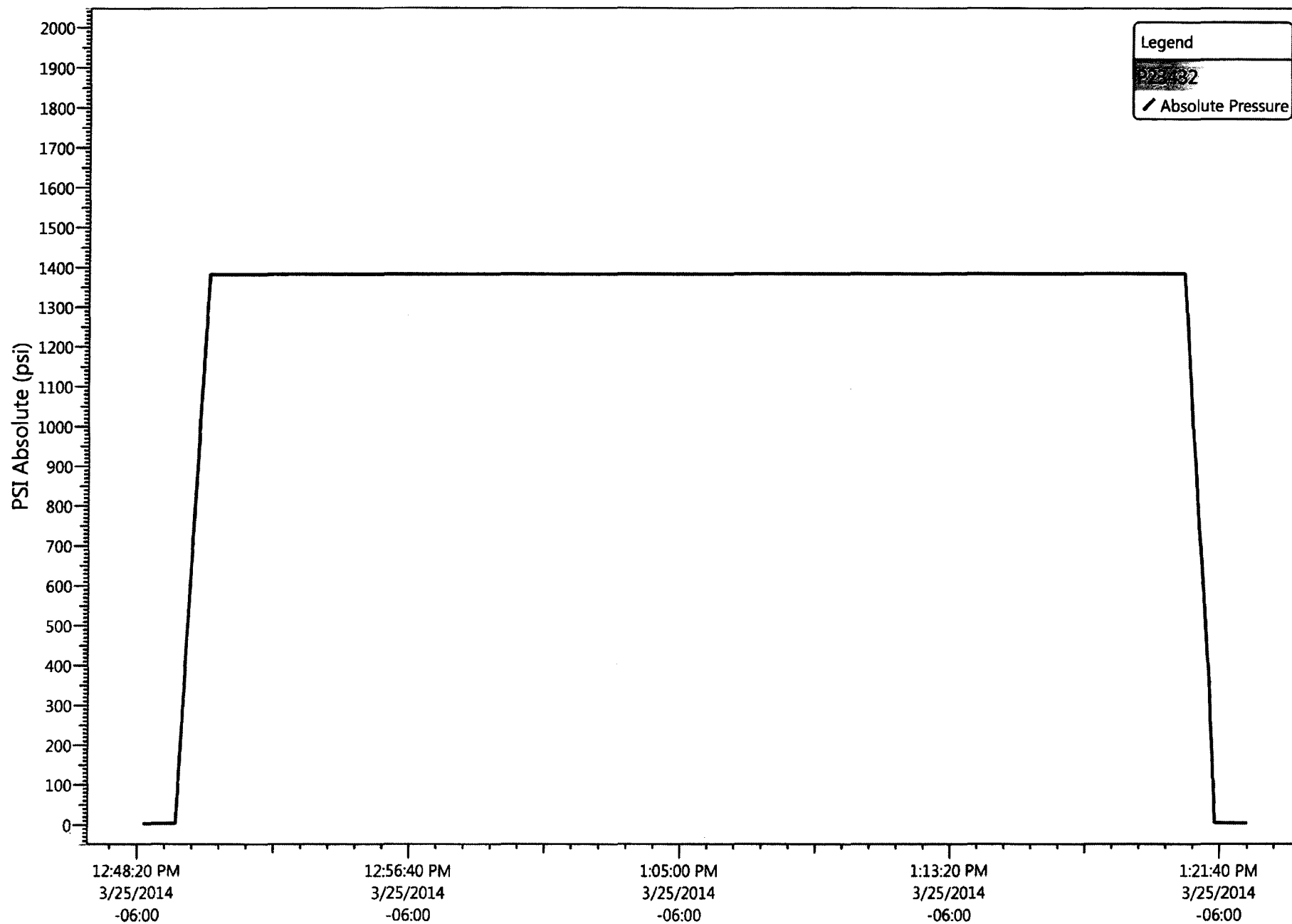
Result: Pass Fall

Signature of Witness: _____

Signature of Person Conducting Test: _____

16-19-9-16 test

3/25/2014 12:48:13 PM



NEWFIELD

Job Detail Summary Report

Well Name: Federal 16-19-9-16

Jobs		
Primary Job Type Conversion	Job Start Date 3/21/2014	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
3/21/2014	3/21/2014	MIRU
Start Time 02:00	End Time 05:00	Comment Move From 14-19-9-16: MIRUSU, R/U BMW H/O Pumped 60 BW D/Csg, L/D & Stripped Polish Rod, U/S Pump, R/U Hot Oilier To Tbg Flushed W/ 40 BW, Soft Seat & Test, Fill W/ 8 BW, Psi Test 3200 Psi Good Test, U/Seat Pump, L/D 2'X4'X8' 7/8" Ponys Sub, L/D Rods 20 7/8" Rods . SWIFN
Start Time 05:00	End Time 05:30	Comment CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary
3/24/2014	3/24/2014	CPNT LD RODS, RELEASE TAC, NU BOP RU WORKFLOOR
Start Time 05:30	End Time 06:00	Comment CREW TRAVEL
Start Time 06:00	End Time 19:00	Comment SICP 25psi SITP 10psi, OWU, Conti LD Rod String (NO WEAR), LD & Inspect Rod Pmp (Lite Scale on Screen), XO for Tbg, ND B1 WH, Release TAC, NU Weatherford BOP, RU Workfloor, BMW H/O Flushed Tbg w/ 40BW, RU & RIH w/ SL, Tagged Fill @ 5705' (69' of Fill on PB), TOOH w/ 134- Jts (4208.24') Breaking Collars & Applying Liquid O-Ring to Pins, LD Remaining 33- Jts & BHA (Corrosion on Btm 10- Jts), PU & RIH w/ Weatherford AS-1X Injection PKR, Pmped 10BW Pad, Drped Stnd Valv, RU & RIH w/ SL, Seat Stnd Valv, 30BW to Fill, MU Isolation T, PT to 3075psi, Observ Press, 175psi Loss in 30Min, Bleed Off Pressure, rePT to 3055psi, NO PRESSURE LOSS in 30Min, GOOD TEST!, Retrieved Stnd Valv, SWIFN
Start Time 19:00	End Time 19:30	Comment CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary
3/25/2014	3/25/2014	ND BOP, RD WORKFLOOR, PERFORM MIT
Start Time 05:30	End Time 06:00	Comment CREW TRAVEL
Start Time 06:00	End Time 14:00	Comment SICP 0psi SITP 0psi, OWU, RD Workfloor, ND BOP, MU Camron 3K Injection Tree #142650, BMW H/O Pmped 60BW Fresh w/ Multi-Chem PKR Fluids d/Csg, Set AS-1X PKR CE @ 4226' w/ 1500# of Tension, Landed Injection Tree, 22BW to Fill Annulus, PT to 1400psi, Observ Press, NO PRESSURE LOSS in 60Min, Newfield Rep Performed MIT, GOOD TEST!!, RDMOSU...FINAL RIG REPORT
Start Time 14:00	End Time 14:30	Comment On 03/24/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/25/2014 the casing was pressured up to 1382 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen.

NEWFIELD**Schematic****Well Name: Federal 16-19-9-16**

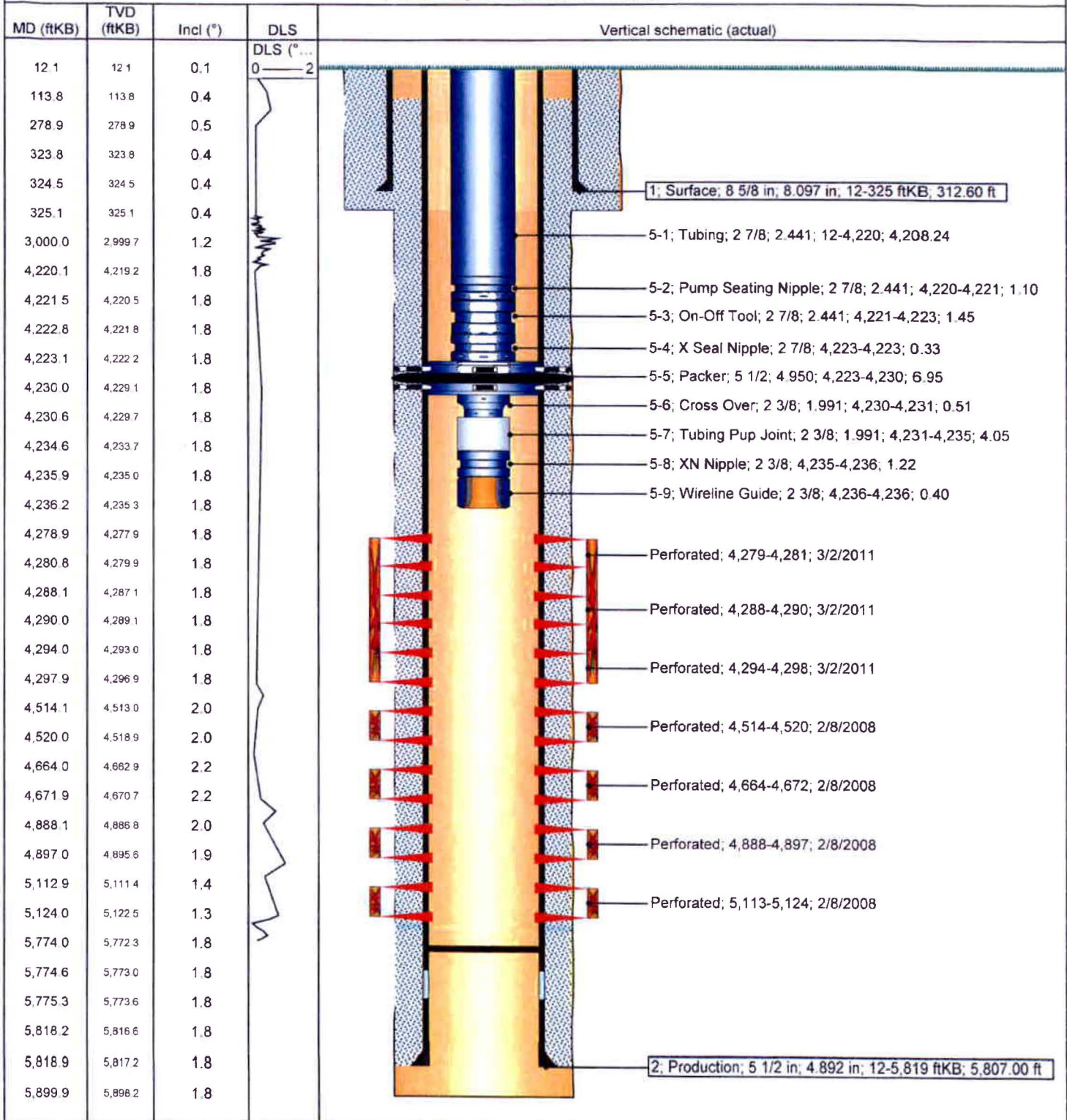
Surface Legal Location 19-9S-16E	API/UWI 43013331630000	Well RC 500159194	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 2/19/2008	Original KB Elevation (ft) 6,192	Ground Elevation (ft) 6,180	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,774.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/21/2014	Job End Date
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	--------------

TD: 5,900.0

Vertical - Original Hole, 3/28/2014 7:56:35 AM



NEWFIELD

Newfield Wellbore Diagram Data Federal 16-19-9-16

Surface Legal Location 19-9S-16E				API/UWI 43013331630000				Lease							
County DUCHESE				State/Province Utah				Basin				Field Name GMBU CTB3			
Well Start Date 10/31/2007				Spud Date				Final Rig Release Date				On Production Date 2/19/2008			
Original KB Elevation (ft) 6,192		Ground Elevation (ft) 6,180		Total Depth (ftKB) 5,900.0				Total Depth All (TVD) (ftKB)				PBD (All) (ftKB) Original Hole - 5,774.0			

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/31/2007	8 5/8	8.097	24.00	J-55	325
Production	12/3/2007	5 1/2	4.950	15.50	J-55	5,819

Cement				
String: Surface, 325ftKB 10/31/2007				
Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 324.6	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0
String: Production, 5,819ftKB 12/3/2007				
Cementing Company BJ Services Company	Top Depth (ftKB) 114.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premite II w/ 10% gel + 3 % KCL, 3#/s /sk CSE + 2# sk/kolseal + 1/2#/s/sk Cello Flake mixed @ 11.0 ppg W / 3.43 cf/sk yield	Fluid Type Lead	Amount (sacks) 300	Class PL II	Estimated Top (ftKB) 114.0
String: Production, 5,819ftKB 12/3/2007				
Cementing Company BJ Services Company	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 5,819.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	Fluid Type Tail	Amount (sacks) 400	Class 50/50	Estimated Top (ftKB) 3,000.0

Tubing Strings								
Tubing Description				Run Date	Set Depth (ftKB)			
Tubing				3/25/2014	4,236.3			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	134	2 7/8	2.441	6.50	J-55	4,208.24	12.0	4,220.2
Pump Seating Nipple		2 7/8	2.441			1.10	4,220.2	4,221.3
On-Off Tool		2 7/8	2.441			1.45	4,221.3	4,222.8
X Seal Nipple		2 7/8				0.33	4,222.8	4,223.1
Packer		5 1/2	4.950			6.95	4,223.1	4,230.1
Cross Over		2 3/8	1.991			0.51	4,230.1	4,230.6
Tubing Pup Joint		2 3/8	1.991			4.05	4,230.6	4,234.6
XN Nipple		2 3/8				1.22	4,234.6	4,235.9
Wireline Guide		2 3/8				0.40	4,235.9	4,236.3

Rod Strings							
Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Norm Hole Dia (in)	Date
5	PB11, Original Hole	4,279	4,281	3			3/2/2011
5	PB11, Original Hole	4,288	4,290	3			3/2/2011
5	PB11, Original Hole	4,294	4,298	3			3/2/2011
4	LODC, Original Hole	4,514	4,520	4			2/8/2008
3	A1, Original Hole	4,664	4,672	4			2/8/2008
2	C, Original Hole	4,888	4,897	4			2/8/2008
1	D1, Original Hole	5,113	5,124	4			2/8/2008

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,765	0.97	22.2	2,813			
2	2,240	0.89	24.8	2,612			
3	1,950	0.85	27.8	2,610			
4	1,930	0.86	27.6	2,288			
5	1,088	0.69	25.0	4,250			

NEWFIELD



**Newfield Wellbore Diagram Data
Federal 16-19-9-16**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Sand Bulk sand 50640 lb
2		Sand Bulk sand 30199 lb
3		Sand Bulk sand 34297 lb
4		Sand Bulk sand 28511 lb
5		Sand Bulk sand 61895 lb



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 11, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 16-19-9-16, Section 19, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33163

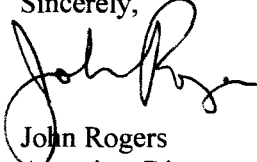
Ladies and Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\ tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,827 feet in the Federal 16-19-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,


John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

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**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 16-19-9-16

Location: 19/9S/16E **API:** 43-013-33163

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 325 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,819 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,820 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,229 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (4/3/2014), based on surface locations, there are 3 producing wells, 3 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. Additionally, there is 1 directionally drilled injection well, with a surface location outside the AOR and a bottom hole location inside the AOR. Finally, there are 2 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR and 1 approved surface location outside the AOR, from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2600 feet. Injection shall be limited to the interval between 3,827 feet and 5,774 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 16-19-9-16 well is 0.86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,901 psig. The requested maximum pressure is 1,901 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 16-19-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 2/6/2014 (revised 4/3/2014)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX ID.# 87-0217663
801-204-6910

The Salt Lake Tribune

MEDIA Inc

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Norton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		9001402352	12/13/2013
ACCOUNT NAME		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-415	
DIV OF OIL-GAS & MINING,		IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.	
TELEPHONE	ADORDER	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
8015385340	0000927358	Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:	
SCHEDULE		Greater Monument Butte Unit: State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East API 43-013-33846 State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East API 43-013-33853 Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East API 43-013-30650 Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East API 43-013-33033 Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East API 43-013-33035 Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East API 43-013-32922 Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East API 43-013-33063 Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East API 43-013-33100 Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East API 43-013-33102 Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East API 43-013-33161 Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East API 43-013-33163 Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33107 Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East API 43-013-33019 Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East API 43-013-33069 Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East API 43-013-33023 Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East API 43-013-33003 Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East API 43-013-30873 Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East API 43-013-32961 Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33343	
CUST. REF. NO.		The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.	
Newfield Cause UIC-415		Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.	
CAPTION		Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT		Dated this 11th day of December, 2013.	
SIZE		STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager	
94 Lines	3.00	UPXLP	
TIMES		923758	
3		SPAPER PUBLICATION DATE AND REMAINS ON	
MISC. CHARGES		UTAH CODE 46-2-101, 46-3-104.	
RECEIVED			
DEC 20 2013			

DIV. OF OIL, GAS & MINING AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES
CAUSE NO. UIC-415 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MIN
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND D
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEW
UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT

PUBLISHED ON Start 12/13/2013 End 12/13/2013

SIGNATURE

DATE 12/13/2013

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2210/REB/4131



Virginia Craft
NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of December, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of December, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

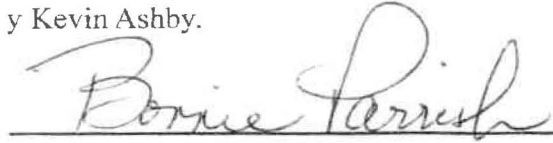


Publisher

Subscribed and sworn to before me on this

23 day of December, 20 13

by Kevin Ashby.



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

BEFORE THE
DIVISION OF OIL,
GAS AND MINING,
DEPARTMENT OF
NATURAL RE-
SOURCE, STATE
OF UTAH.

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS 16,
17, 18, 19, 20, 21, 23,
and 24, TOWNSHIP
9 SOUTH, RANGE
16 EAST, DUCH-
ESNE COUNTY,
UTAH, AS CLASS
II INJECTION
WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

Notice is hereby
given that the Divi-
sion of Oil, Gas and
Mining (the "Divi-
sion") is commencing
an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,

Continued on next page

Continued from
previous page

Suite 2000, Denver.
Colorado 80202, tele-
phone 303-893-0102,
for administrative ap-
proval of the following
wells located in Duch-
esne County, Utah, for
conversion to Class II
injection wells:

'Greater Monument
Butte Unit:

State 2-16-9-16 well
located in NW/4 NE/4,
Section 16, Township 9
South, Range 16 East
API 43-013-33846

State 13-16-9-16
well located in SW/4
SW/4, Section 16,
Township 9 South,
Range 16 East

API 43-013-33853
Castle Peak 32-16
well located in SW/4
NE/4, Section 16,
Township 9 South,
Range 16 East

API 43-013-30650
Federal 10-17-9-
16 well located in
NW/4 SE/4, Section
17, Township 9 South,
Range 16 East

API 43-013-33033
Federal 12-17-9-
16 well located in
NW/4 SW/4, Section
17, Township 9 South,
Range 16 East

API 43-013-33035
Federal 16-18-9-
16 well located in
SE/4 SE/4, Section
18, Township 9 South,
Range 16 East

API 43-013-32922
Federal 2-19-9-16
well located in NW/4
NE/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33063
Federal 6-19-9-16
well located in SE/4
NW/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33100
Federal 12-19-9-
16 well located in
NW/4 SW/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33102
Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,

Range 16 East

Any person desi-
ing to object to th
application or otl
erwise intervene
the proceeding, mu
file a written prote
or notice of interve
tion with the Divisi
within fifteen da
following publicati
of this notice. The
vision's Presiding C
ficer for the proceedi
is Brad Hill, Permitti
Manager, at P.O. B
145801, Salt Lake Ci
UT 84114-5801, pho
number (801) 53
5340. If such a prot
or notice of interve
tion is received, a he
ing will be schedul
in accordance wi
the aforementioned
administrative pr
cedural rules. Prot
stants and/or interv
ers should be prepar
to demonstrate at
hearing how this mat
affects their interest
Dated this 11th d
of December, 2013
STATE OF UTA
DIVISION OF O
GAS & MINING
/s/
Brad Hill
Permitting Mana
Published in
Uintah Basin Stand
December 17, 2013

Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33161

Federal 16-19-9-
16 well located in
SE/4 SE/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33163

Federal 8-20-9-16
well located in SE/4
NE/4, Section 20,
Township 9 South,
Range 16 East

API 43-013-33107

Federal 3-21-9-16
well located in NE/4
NW/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33019

Federal 4-21-9-16
well located in NW/4
NW/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33069

Federal 8-21-9-16
well located in SE/4
NE/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33023

Federal 2-23-9-16
well located in NW/4
NE/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33003

Castle Peak Federal
6-23 well located in
SE/4 NW/4, Section
23, Township 9 South,
Range 16 East

API 43-013-30873

Federal 8-23-9-16
well located in SE/4
NE/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-32961

Federal 14-24-9-
16 well located in
SE/4 SW/4, Section
24, Township 9 South,
Range 16 East

API 43-013-33343

The proceeding will
be conducted in ac-
cordance with Utah
Admin. R649-10, Ad-
ministrative Proce-
dures.

Selected zones in the
Green River Formation
will be used for water
injection. The maxi-
mum requested injec-
tion pressures and rates
will be determined
based on fracture gra-
dient information sub-
mitted by Newfield
Production Company.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, and 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

State 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853
Castle Peak 32-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650
Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003

Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873

Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961

Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

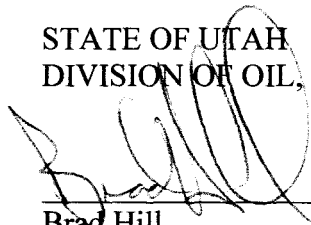
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**STATE 2-16-9-16, STATE 13-16-9-16, CASTLE PEAK 32-16,
FEDERAL 10-17-9-16, FEDERAL 12-17-9-16, FEDERAL 16-18-9-16,
FEDERAL 2-19-9-16, FEDERAL 6-19-9-16, FEDERAL 12-19-9-16,
FEDERAL 14-19-9-16, FEDERAL 16-19-9-16, FEDERAL 8-20-9-16,
FEDERAL 3-21-9-16, FEDERAL 4-21-9-16, FEDERAL 8-21-9-16,
FEDERAL 2-23-9-16, CASTLE PEAK FEDERAL 6-23,
FEDERAL 8-23-9-16, FEDERAL 14-24-9-16**

Cause No. UIC-415

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

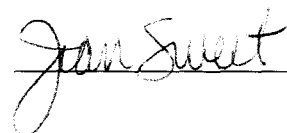
Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-415

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-415

1 message

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Dec 12, 2013 at 1:22 PM

To: Jean Sweet <jsweet@utah.gov>

On 12/12/2013 11:59 AM, Jean Sweet wrote:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

Jean

-

Jean Sweet

Executive Secretary

Utah Division of Oil, Gas and Mining

801-538-5329

This will publish Dec. 17. Thank you. Merry Christmas.
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



12/12/2013

State of Utah Mail - Proof for Notice

Jean Sweet <jsweet@utah.gov>

Proof for Notice

1 message

Stowe, Ken <naclegal@mediaoneutah.com>
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: jsweet@utah.gov

Thu, Dec 12, 2013 at 12:34 PM

AD# 927358
Run SL Trib & Des News 12/13
Cost \$478.76
Thank You

 **OrderConf.pdf**
185K

Order Confirmation for Ad #0000927358-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
Email	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$478.76			
Payment Amt	\$0.00			
		<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Amount Due	\$478.76	0	0	1
Payment Method		<u>PO Number</u>	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 94 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/13/2013	

Order Confirmation for Ad #0000927358-01

Ad Content Proof Actual Size

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

December 5, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #16-19-9-16
Monument Butte Field, Lease #UTU-74391
Section 19-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #16-19-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,


Jill L Loyle
Regulatory Associate

RECEIVED

DEC 06 2013

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #16-19-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74391
DECEMBER 5, 2013

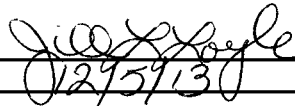
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Federal #16-19-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-74391</u>
Well Location: QQ <u>SESE</u> section <u>19</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery? Yes [X] No []	
Disposal? Yes [] No [X]	
Storage? Yes [] No [X]	
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33163</u>	
Proposed injection interval: from <u>3827</u> to <u>5774</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1901</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Jill L. Loyle</u>	Signature <u></u>
Title: <u>Regulatory Associate</u>	Date: <u>12/5/13</u>
Phone No. <u>303-383-4135</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

FEDERAL 16-19-9-16

Spud Date: 10/31/07
Put on Production: 02/19/08
GL: 6180' KB: 6192'

Proposed Injection Wellbore Diagram

SURFACE CASING

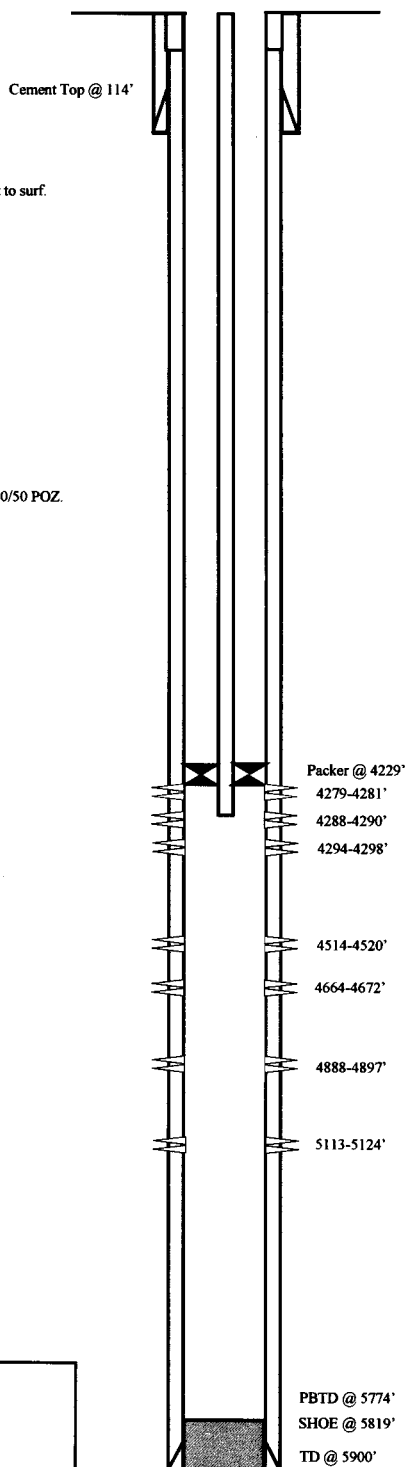
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (312.36')
DEPTH LANDED: 324.64' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5805.80')
DEPTH LANDED: 5819.05' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 114'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 164 jts (5253.1')
TUBING ANCHOR: 5265.1' KB
NO. OF JOINTS: 1jts (31.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5299.2' KB
NO. OF JOINTS: 2 jts (62.9')
TOTAL STRING LENGTH: EOT @ 5364' KB



NEWFIELD

FEDERAL 16-19-9-16

467' FSL & 733' FEL

SE/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33163; Lease # UTU-74391

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #16-19-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #16-19-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3827' - 5774'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3520' and the TD is at 5900'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #16-19-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74391) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 325' KB, and 5-1/2", 15.5# casing run from surface to 5819' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1901 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #16-19-9-16, for existing perforations (4279' - 5124') calculates at 0.86 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1901 psig. We may add additional perforations between 3520' and 5900'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #16-19-9-16, the proposed injection zone (3827' - 5774') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-8.

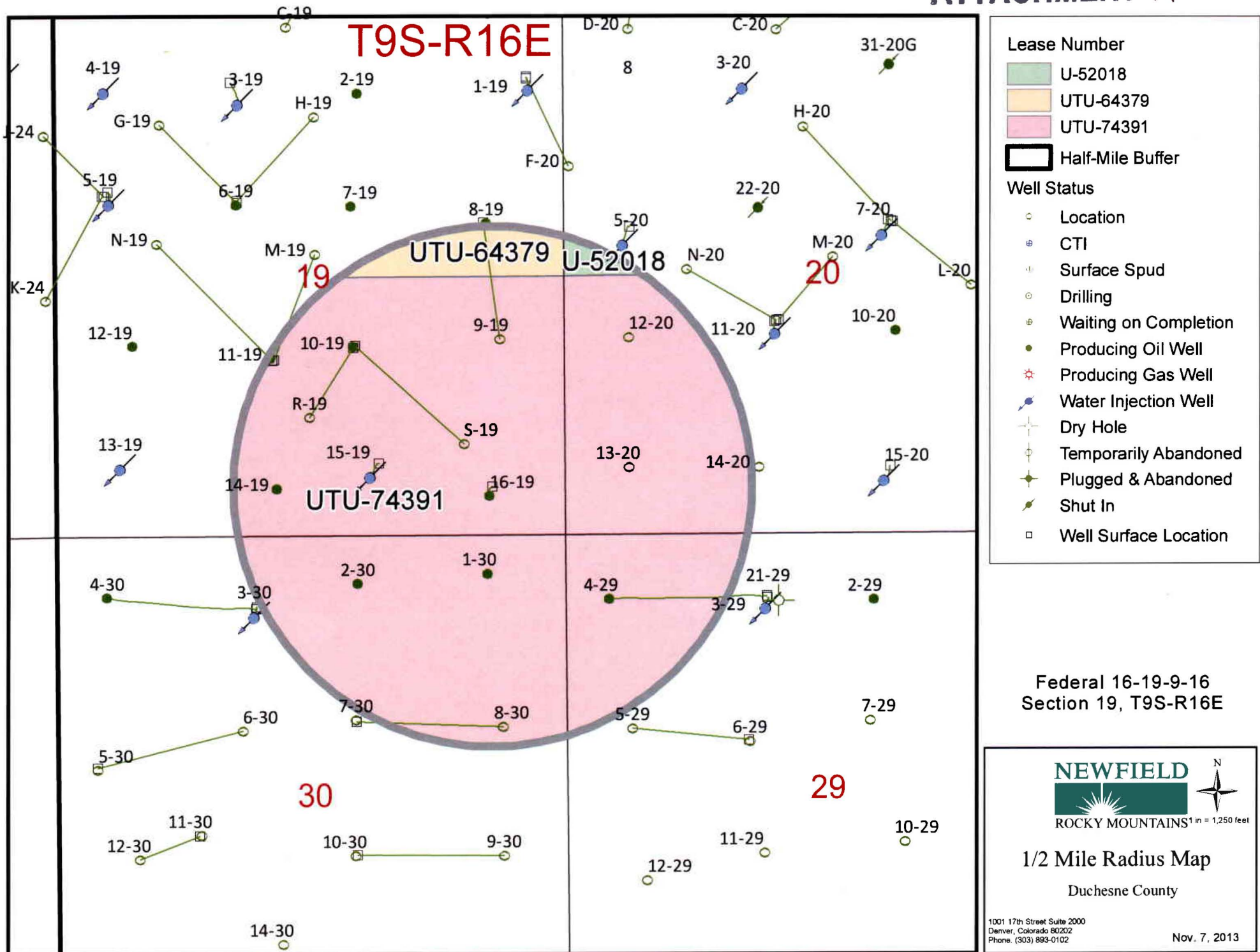
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

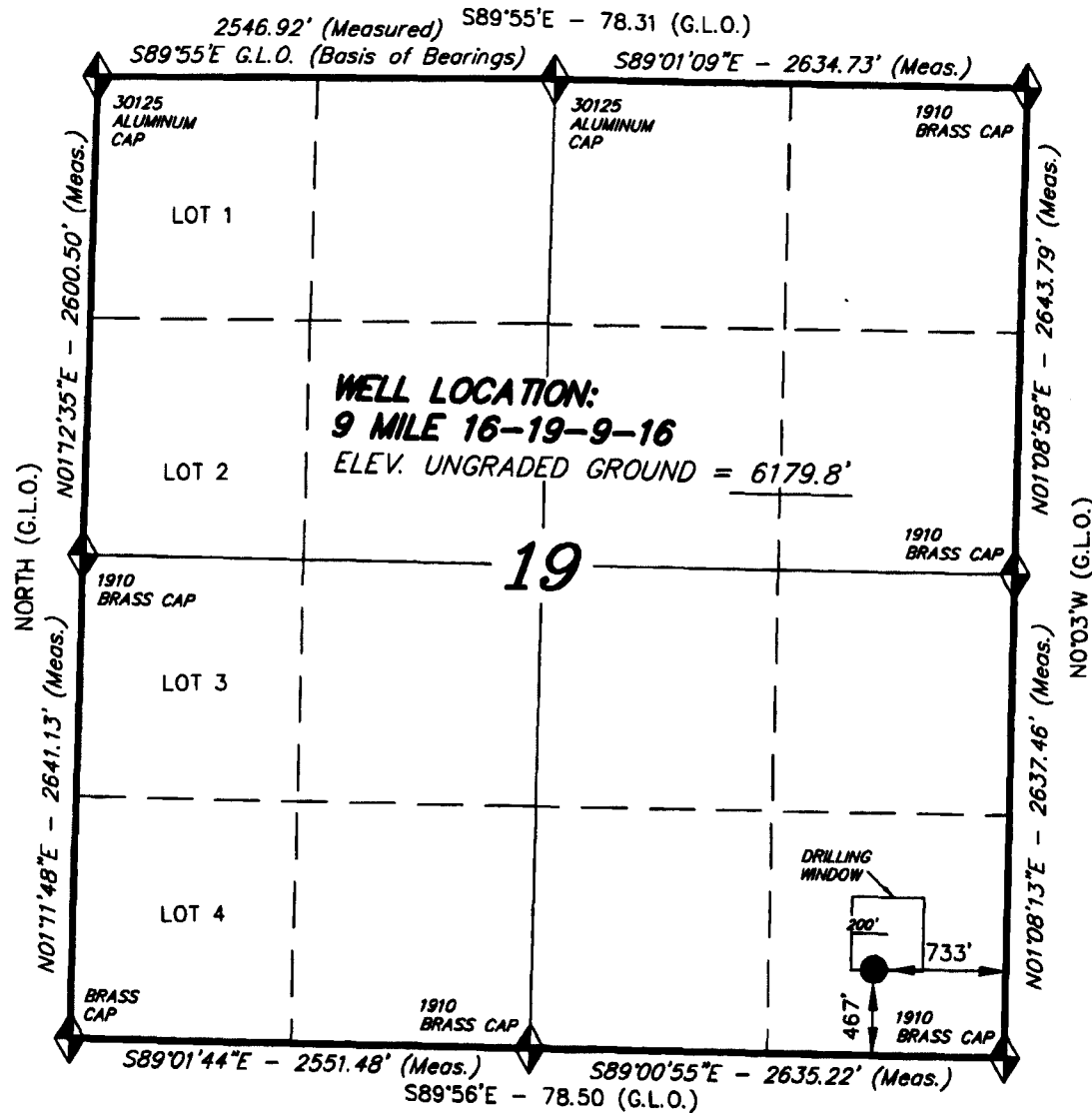
2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



T9S, R16E, S.L.B.&M.**NEWFIELD PRODUCTION COMPANY**

WELL LOCATION, 9 MILE 16-19-9-16,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 19, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PERT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 16-19-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 37.63"
LONGITUDE = 110° 09' 19.05"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 4-3-06	SURVEYED BY: C.M.
DATE DRAWN: 4-10-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #16-19-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Jill L. Loyle
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 5th day of December, 2013.

Notary Public in and for the State of Colorado: _____

Lydia Biondo

My Commission Expires: _____

12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

FEDERAL 16-19-9-16

Spud Date: 10/31/07
 Put on Production: 02/19/08
 GL: 6180' KB: 6192'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5805.80')
 DEPTH LANDED: 5819.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP: 114'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 164 jts (5253.1')
 TUBING ANCHOR: 5265.1' KB
 NO. OF JOINTS: 1jts (31.3')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5299.2' KB
 NO. OF JOINTS: 2 jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5364' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1-2', 1-4', 1-8' x 7/8" pony rods, 81- 7/8" guided rods,
 119- 3/4" guided rods, 6- 1 1/2" weight bars, 1-1" x 4" stabilizer bar
 PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC pump
 STROKE LENGTH: 122
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

02/08/08	5113-5124'	Frac LODC sands as follows: 50640# 20/40 sand in 476 bbls Lightning 17 frac fluid. Treated @ avg press of 2517 psi w/avg rate of 22 BPM. ISIP 2765 psi.
02/08/08	4888-4897'	Frac A1 sands as follows: 30199# 20/40 sand in 394 bbl Lightning 17 frac fluid. Treated @ avg press of 2251 psi w/avg rate of 19.2 BPM. ISIP 2240 psi.
02/08/08	4664-4672'	Frac C sands as follows: 34297# 20/40 sand in 404 bbls Lightning 17 frac fluid. Treated @ avg press of 2310 psi w/avg rate of 27.6 BPM. ISIP 1950 psi.
02/09/08	4514-4520'	Frac D1 sands as follows: 28511# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2109 psi w/avg rate of 27.2 BPM. ISIP 1930 psi.
8/12/08		Pump Change. Updated rod & tubing details.
6/1/09		Tubing Leak. Updated r & t details.
1/31/11		Tubing Leak. Update rod and tubing details.
03/02/11	4279-4298'	Frac PB11 sands as follows: 61895# 20/40 sand in 365 bbls Lightning 17 fluid.
03/04/11		Recompletion Finalized - update rod & tbg detail.

PERFORATION RECORD

5113-5124'	4 JSPF	24 holes
4888-4897'	4 JSPF	36 holes
4664-4672'	4 JSPF	32 holes
4514-4520'	4 JSPF	24 holes
03/02/11 4279-4281'	3 JSPF	6 holes
03/02/11 4288.4290'	3 JSPF	6 holes
03/02/11 4294-4298'	3 JSPF	12 holes

Cement Top @ 114'

4279-4281'
 4288-4290'
 4294-4298'

4514-4520'
 4664-4672'

4888-4897'

5113-5124'

Anchor @ 5265'

EOT @ 5364'

PBTD @ 5774'

SHOE @ 5819'

TD @ 5900'

NEWFIELD**FEDERAL 16-19-9-16**

467' FSL & 733' FEL

SE/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33163; Lease # UTU-74391

Spud Date: 10-25-07
Put on Production: 12-6-07
GL: 5984' KB: 5996'

Federal 8-19-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (309.39')
DEPTH LANDED: 320.29'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 150jts. (5808.14')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5808.64'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 79'

TUBING

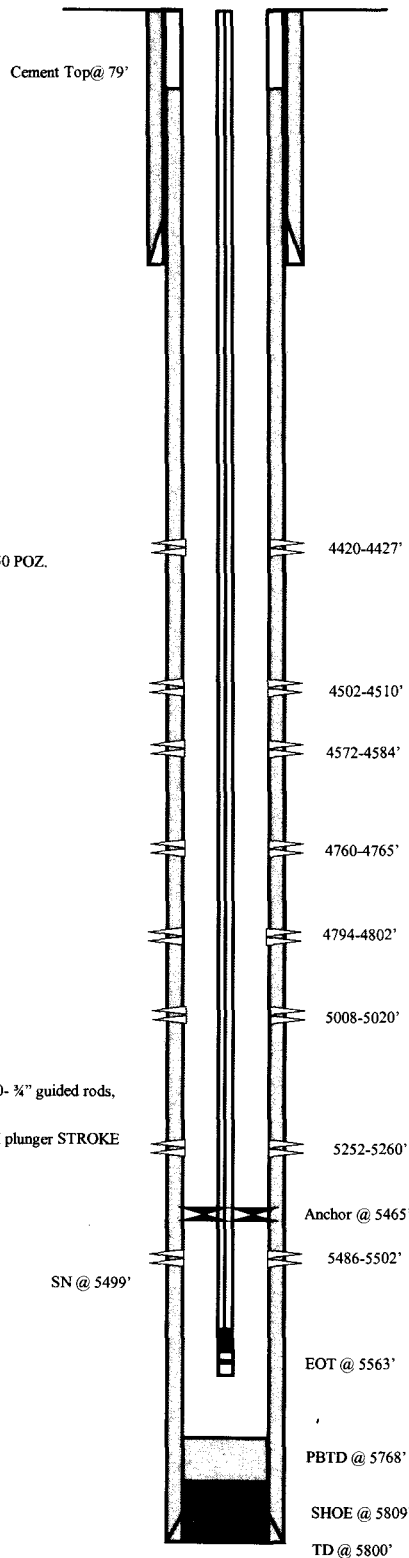
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5464.5')
TUBING ANCHOR: 5464.5'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5498.7' KB
NO. OF JOINTS: 2 jts (62.90')
TOTAL STRING LENGTH: EOT @ 5563.0'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 99- 3/4" guided rods, 95- 3/4" guided rods, 20- 3/4" guided rods,
6- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16" x 20' RHAC pump w/ SM plunger STROKE
LENGTH: 74"
PUMP SPEED, SPM: 5.5'

FRAC JOB

11-20-07	5486-5502'	Frac CP3 sands as follows: Frac with 54412# 20/40 sand in 517bbls Lightning 17 fluid. Treat at 2115 psi @ 24.8 BPM. ISIP 2280 psi.
11-20-07	5252-5260'	Frac LODC sands as follows: Frac with 29857# 20/40 sand in 395 bbls Lightning 17 fluid. Treat at 2503psi @ 24.8 BPM. ISIP 2588psi.
11-21-07	5008-5020'	Frac LODC sands as follows: Frac with 40138# 20/40 sand in 375 bbls Lightning 17 fluid. Treat at 2470psi @ 24.8 BPM. ISIP 2715 psi.
11-21-07	4572-4584'	Frac C sand as follows: Frac with 14617# 20/40 sand in 263 bbls Lightning 17 fluid. Treat at 2150 psi @ 24.8 BPM. ISIP 1945 psi.
11-21-07	4502-4510'	Frac D3 sands as follows: Frac with 34878# 20/40 sand in 496 bbls Lightning 17 fluid. Treat at 2443 psi @ 23.5 BPM. ISIP 2230 psi.
11-28-07	4420-4427'	Frac D1 sands as follows: Frac with 55428# 20/40 sand in 553 bbls Lightning 17 fluid. Treat at 2201 psi @ 23.9 BPM. ISIP 2142 psi.
2/12/2010		Pump change. Updated rod and tubing.

**PERFORATION RECORD**

4420-4427'	4 JSPF	28 holes
4502-4510'	4 JSPF	32 holes
4572-4584'	4 JSPF	48 holes
4760-4765'	4 JSPF	20 holes
4794-4802'	4 JSPF	32 holes
5008-5020'	4 JSPF	48 holes
5252-5260'	4 JSPF	32 holes
5486-5502'	4 JSPF	64 holes

NEWFIELD

Federal 8-19-9-16
2136' FNL & 785' FEL
SENE Section 19-T9S-R16E
Duchesne Co, Utah
API #43-013-33101; Lease #UTU-64379

Spud Date: 8-11-10
Put on Production: 9-24-10
GL: 6213' KB: 6225'

Federal 4-29-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (339.28)
DEPTH LANDED: 352.13'
HOLE SIZE: 12-1/4"
CEMENT DATA: 170 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146jts. (6160.56')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6176.56'
CEMENT DATA: 251 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 132'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4650')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4660' KB
ON/OFF TOOL AT: 4661.1'
ARROW #1 PACKER CE AT: 4666.3'
XO 2-3/8 x 2-7/8 J-55 AT: 4669.9'
TBG PUP 2-3/8 J-55 AT: 4670.4'
X/N NIPPLE AT: 4674.5'
TOTAL STRING LENGTH: EOT @ 4676.34'

Cement Top @ 132'

SN @ 4660'

On Off Tool @ 4661'

Packer @ 4666'

X/N Nipple @ 4674'
EOT @ 4676'

4736-4745'

4833-4837'

4940-4943'

5060-5062'

5074-5084'

5202-5204'

5220-5224'

5243-5245'

5253-5255'

5260-5262'

5671-5674'

5807-5810'

6009-6017'

PBT @ 6130'

TD @ 6203'

FRAC JOB

9-8-10 6009-6017' Frac BsLSD sands as follows:Frac with 23721# 20/40 sand in 208 bbls lightning 17 fluid.
9-17-10 5671-5810' Frac CP2 & CP3 sands as follows:Frac with 8728# 20/40 sand in 82 bbls Lightning 17 fluid.
9-17-10 5202-5262' Frac LODC sands as follows:Frac with 64809# 20/40 sand in 397 bbls Lightning 17 fluid.
9-17-10 5060-5084' Frac A1 sands as follows:Frac with 45961# 20/40 sand in 300bbls Lightning 17 fluid.
9-17-10 4833-4943' Frac C & B2 sands as follows:Frac with 29382# 20/40 sand in 200bbls Lightning 17 fluid.
9-17-10 4736-4745' Frac D2 sands as follows:Frac with 33962# 20/40 sand in 267 bbls Lightning 17 fluid.
03/10/11 Pump change. Rods & tubing updated.
10/01/13 Convert to Injection Well
10/01/13 Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

6009-6017'	3 JSPF	24 holes
5807-5810'	3 JSPF	9 holes
5671-5674'	3 JSPF	9holes
5260-5262'	3 JSPF	6 holes
5253-5255'	3 JSPF	6 holes
5243-5245'	3 JSPF	6 holes
5220-5224'	3 JSPF	12 holes
5202-5204'	3 JSPF	6 holes
5074-5084'	3 JSPF	30 holes
5060-5062'	3 JSPF	6 holes
4940-4943'	3 JSPF	9 holes
4833-4837'	3 JSPF	12 holes
4736-4745'	3 JSPF	27 holes

NEWFIELD**Federal 4-29-9-16**

655'FNL & 2045'FWL (NE/NW)
Section 29, T9S, R16
Duchesne Co, Utah

API # 43-013-33469; Lease # UTU-74391

TVD 5952'

LCN 10/07/13

Federal 1-30-9-16

Spud Date: 5/28/2009

Put on Production: 7/6/2009

GL: 6214' KB: 6226'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (269')
 DEPTH LANDED: 320' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (5791')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5843.37'
 CEMENT DATA: 275 sx Prem Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 72'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 144 jts (4464.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4476.8' KB
 ON/OFF TOOL AT: 4477.9'
 ARROW #1 PACKER CE AT: 4483.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4487.3'
 TBG PUP 2-3/8 J-55 AT: 4487.7'
 X/N NIPPLE AT: 4491.9'
 TOTAL STRING LENGTH: EOT @ 4493.4'

FRAC JOB

07-07-09 5184-5194' Frac LODC sands as follows:
 Frac with 45269# 20/40 sand in 289
 bbls of Lightning 17 fluid.
 07-07-09 4908-4927' Frac A1 sands as follows:
 Frac with 100700# 20/40 sand in 596
 bbls of Lightning 17 fluid.
 07-07-09 4663-4677' Frac C sands as follows:
 Frac with 55268# 20/40 sand in 343 bbls
 of Lightning 17 fluid.
 07-07-09 4544-4550' Frac D1 sands as follows:
 14925# 20/40 sand in 244 total bbls of
 fluid inc Lightning 17 fluid.
 01/22/14 Convert to Injection Well
 01/24/14 Conversion MIT Finalized - update the
 detail

Cement top @ 72'

Casing Shoe @ 320'

SN @ 4477'
 On Off Tool @ 4478'

Packer @ 4483'

X/N Nipple @ 4492'
 EOT @ 4494'

4544-4550'

4663-4667'

4673-4677'

4908-4914'

4924-4927'

5184-5194'

PBTD @ 5803'

TD @ 5865'

PERFORATION RECORD

5184-5194'	3 JSPF	30 holes
4924-4927'	3 JSPF	9 holes
4908-4914'	3 JSPF	18 holes
4673-4677'	3 JSPF	12 holes
4663-4667'	3 JSPF	12 holes
4544-4550'	3 JSPF	18 holes

NEWFIELD

Federal 1-30-9-16
 419' FNL & 785' FEL
 NE/NE Section 30-T9S-R16E
 Duchesne Co. Utah
 API # 43-013-33452; Lease # UTU-74391

Federal 2-30-9-16

Spud Date: 6/8/2009
 Put on Production: 7/10/2009
 GL: 6238' KB: 6250'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (269')
 DEPTH LANDED: 317' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (5812')
 DEPTH LANDED: 5862'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 **16.5 #**
 NO. OF JOINTS: 174 jts (5477')
 TUBING ANCHOR: 5489' KB
 NO. OF JOINTS: 1 jt (31.5')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5524' KB
 NO. OF JOINTS: 2 jts (63.3')
 TOTAL STRING LENGTH: EOT @ 5589'

SUCKER RODS

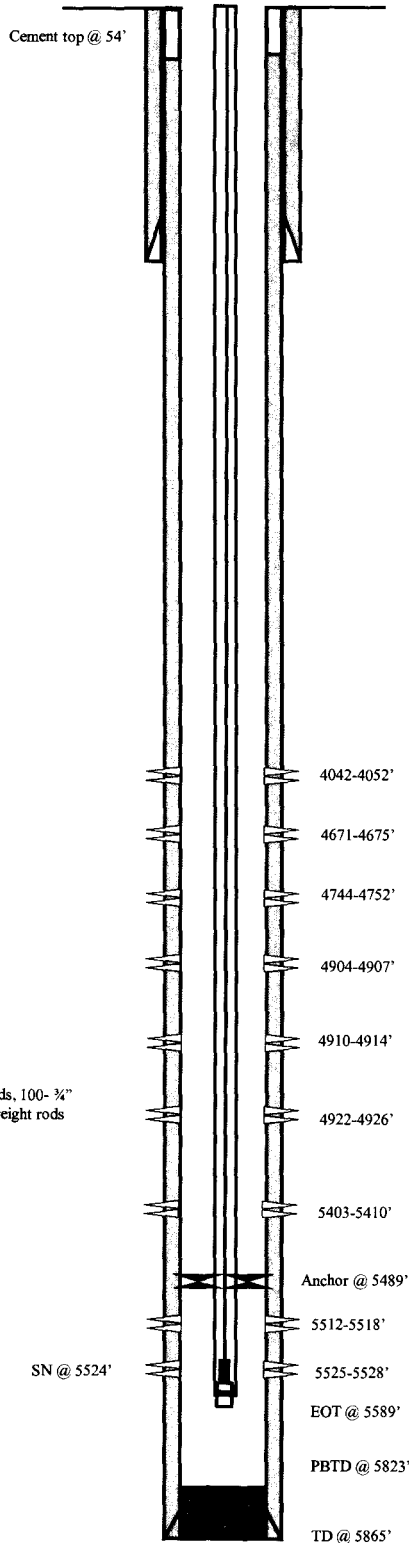
POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1 - 2' x 3/4", 1 - 4' x 3/4", 1 - 6' x 3/4" pony rods, 100 - 3/4" guided rods, 94 - 3/4" sucker rods, 2 - 3/4" guided rods, 6 - 1 1/2" weight rods
 PUMP SIZE: 2 1/2" x 1 1/2" x 20" RHAC
 STROKE LENGTH: 86
 PUMP SPEED - SPM: 5

FRAC JOB

7/10/2009 5512-5528' Frac CP3 sands as follows:
 14,703#s of 20/40 sand in 130 bbls of Lightning 17 fluid.
 7/10/2009 5403-5410' Frac CP1 sands as follows:
 20,309#s of 20/40 sand in 169 bbls of Lightning 17 fluid.
 7/10/2009 4904-4926' Frac A1 sands as follows:
 25,710#s of 20/40 sand in 209 bbls of Lightning 17 fluid.
 7/10/2009 4671-4752' Frac B.5 & C sands as follows:
 125,658#s of 20/40 sand in 758 bbls of Lightning 17 fluid.
 7/10/2009 4042-4052' Frac GB6 sands as follows:
 106,827#s of 20/40 sand in 651 bbls of Lightning 17 fluid.

PERFORATION RECORD

5525-5528' 3 JSPF 9 holes
 5512-5518' 3 JSPF 18 holes
 5403-5410' 3 JSPF 21 holes
 4922-4926' 3 JSPF 12 holes
 4910-4914' 3 JSPF 12 holes
 4904-4907' 3 JSPF 9 holes
 4744-4752' 3 JSPF 24 holes
 4671-4675' 3 JSPF 12 holes
 4042-4052' 3 JSPF 30 holes



NEWFIELD



Federal 2-30-9-16

517' FNL & 2110' FEL NW/NE

Section 30-T9S-R16E

Duchesne Co, Utah

API # 43-013-33453; Lease # UTU-74391

FEDERAL 14-19-9-16

Spud Date: 01/23/07
Put on Production: 02/27/07

GL: 6245' KB: 6257'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.59')
DEPTH LANDED: 322.44' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 2.25 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5979.73')
DEPTH LANDED: 5992.98' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 136'

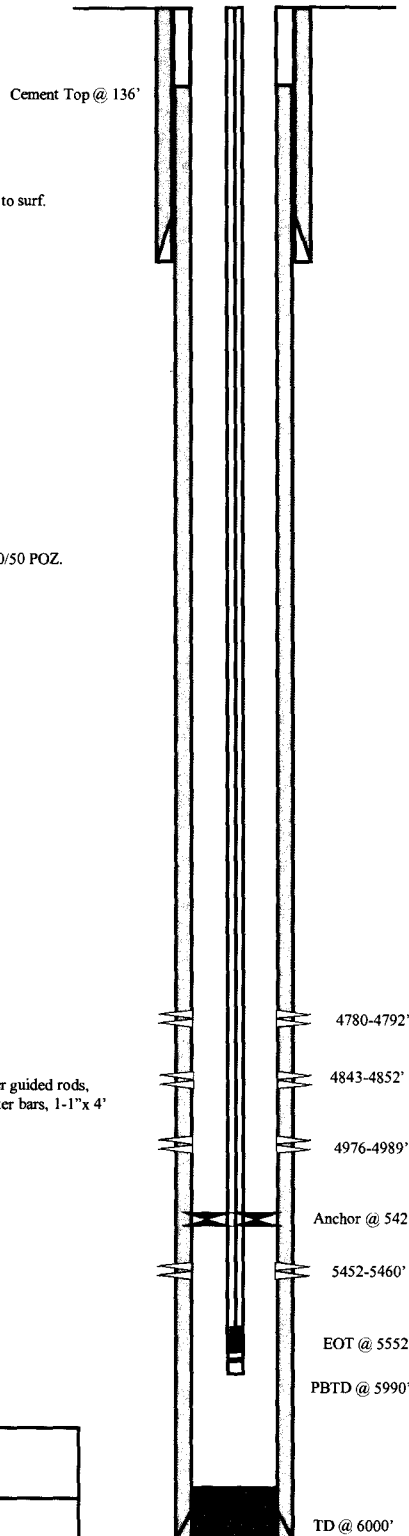
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5415.22')
TUBING ANCHOR: 5427' KB
NO. OF JOINTS: 2 jts (60.30')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5490' KB
NO. OF JOINTS: 2 jts (60.4')
TOTAL STRING LENGTH: EOT @ 5552' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM polished rods
SUCKER RODS: 1-2' & 1-6' x 3/4" pony rods, 99-3/4" 4 per guided rods, 103-3/4" sucker rods, 10-3/4" 4 per guided rods, 6-1 1/2" x sinker bars, 1-1" x 4' pony rod, 1-3/4" x 8' pony rod
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 4. SPM:

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

02/21/07 5452-5460' **Frac CP1 sands as follows:**
34903# 20/40 sand in 471 bbls Lightning 17 frac fluid. Treated @ avg press of 2080 psi w/avg rate of 24.8 BPM. ISIP 1839 psi. Calc flush: 5450 gal. Actual flush: 4872 gal.

02/21/07 4976-4989' **Frac A1 sands as follows:**
80502# 20/40 sand in 597 bbls Lightning 17 frac fluid. Treated @ avg press of 2245 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 4974 gal. Actual flush: 4536 gal.


02/22/07 4780-4852' **Frac B1 & B2 sands as follows:**
159255# 20/40 sand in 1026 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 24.8 BPM. ISIP 1790 psi. Calc flush: 4778 gal. Actual flush: 4662 gal.

03-29-07 Pump Change Rod & Tubing details updated.

01/28/11 Parted Rods. Rod & tubing updated.

PERFORATION RECORD

02/16/07 5452-5460' 4 JSPF 32 holes
02/21/07 4976-4989' 4 JSPF 52 holes
02/21/07 4843-4852' 4 JSPF 36 holes
02/21/07 4780-4792' 4 JSPF 48 holes

NEWFIELD 
FEDERAL 14-19-9-16 452' FSL & 2258' FWL SE/SW Section 19-T9S-R16E Duchesne Co, Utah API #43-013-33161; Lease # UTU-74391

FEDERAL 15-19-9-16

Spud Date: 10/29/07

Put on Production: 02/07/08

GL:6218' KB:6230'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.36')

DEPTH LANDED: 324.84' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts. (5854.09')

DEPTH LANDED: 5867.67' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

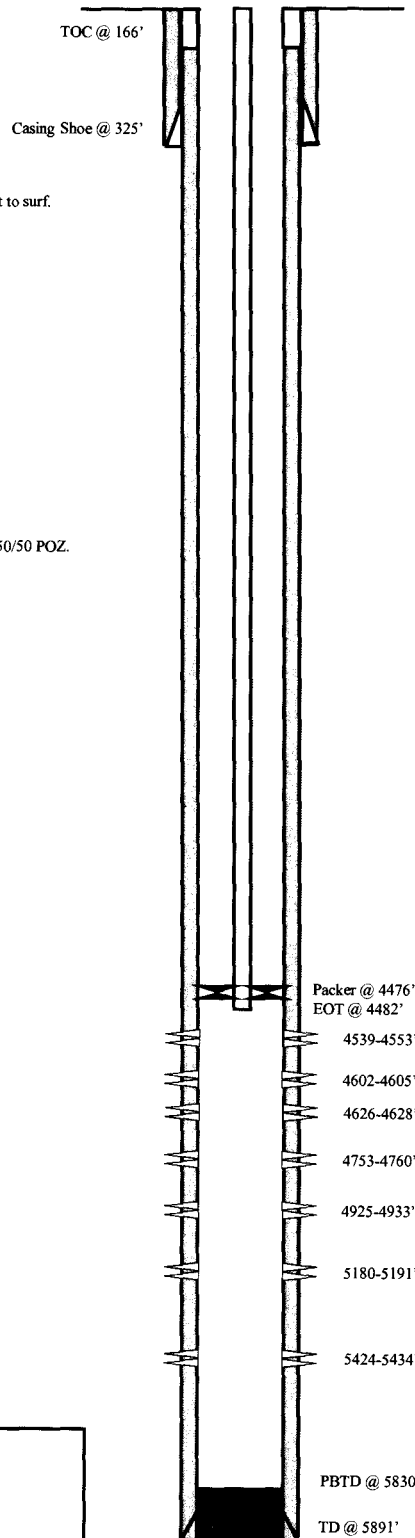
NO. OF JOINTS: 142 jts (4459.0')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4480.8' KB

CE @ 4475.61'

TOTAL STRING LENGTH: EOT @ 4482.' KB

FRAC JOB

02/01/08 5424-5434'

Frac CP1 sands as follows:

19731# 20/40 sand in 327 bbls Lightning 17 frac fluid. Treated @ avg press of 1909 psi w/avg rate of 15.2 BPM. ISIP 2009 psi.

02/01/08 5180-5191'

Frac LODC sands as follows:

29863# 20/40 sand in 404 bbl Lightning 17 frac fluid. Treated @ avg press of 2361 psi w/avg rate of 22.1 BPM. ISIP 2460 psi.

02/01/08 4925-4933'

Frac A1 sands as follows:

15194# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2440 psi w/avg rate of 21.6 BPM. ISIP 2237 psi.

02/01/08 4753-4760'

Frac B.5 sands as follows:

25716# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2072 psi w/avg rate of 22.0 BPM. ISIP 2020 psi.

02/01/08 4539-4553'

Frac D1 sands as follows:

46601# 20/40 sand in 439 bbls Lightning 17 frac fluid. Treated @ avg press of 1712 psi w/avg rate of 22.0 BPM. ISIP 1930 psi.

10/2/09

Tubing Leak. Updated rod & tubing details.

06/28/11

Parted Rods. Rods & tubing updated.

05/29/12 4602-4626'

Frac D3 & D2 sands as follows:

18461# 20/40 sand in 292 bbls Lightning 17 frac fluid

05/30/12

Convert to Injection Well

06/01/12

Conversion MIT Finalized - update tbg detailPERFORATION RECORD

5424-5434'	4 JSPF	40 holes
5180-5191'	4 JSPF	44 holes
4925-4933'	4 JSPF	32 holes
4753-4760'	4 JSPF	28 holes
4539-4553'	4 JSPF	56 holes
5-29-12 4626-4628'	3 JSPF	6 holes
5-29-12 4602-4605'	3 JSPF	9 holes

NEWFIELD**FEDERAL 15-19-9-16**

711' FSL & 1888' FEL

SW/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33162; Lease # UTU-74391

Spud Date: 9/27/2007

Put on Production: 1/9/2008

GL:6181' KB:6193'

Federal 10-19-9-16

Initial Production: BOPD, MCFD, BWPD

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7jts (311.69')

DEPTH LANDED: 321.69'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160sxs of class 'G' cement, circ 2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152jts (5894.79')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5883.99'

CEMENT DATA: 300sxs of Primlute II & 400sxs of 50/50 poz

CEMENT TOP AT: 127' per CBL 12/5/07

TUBING (KS 11/29/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 169jts (5501.0')

TUBING ANCHOR: 5513.0'

NO. OF JOINTS: 3jts (93.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5609.6'

NO. OF JOINTS: 1jt (32.7')

GAS ANCHOR: 5-1/2" (5.2')

NIPPLE: 2-7/8" (0.6')

NO. OF JOINTS: 3jts (97.6')

BULL PLUG: 2-7/8" (0.4')

TOTAL STRING LENGTH: EOT @ 5747'

SUCKER RODS (KS 11/29/12)

POLISHED ROD: 26' x 1-1/2"

SUCKER RODS: 4' x 8' x 3/4" Pony Rods, 99 x 3/4" Guided Rods, 91 x 3/4" Sucker Rods, 27 x 3/4" Guided Rods, 6 x 1-1/2" Sinker Bars

PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 24' RHAC

STROKE LENGTH: 103"

PUMP SPEED, SPM: 5.0

PUMPING UNIT: DARCO C-320-256-120

TOC @ 127'

SN @ 5609'

Anchor @ 5513'

5558-5570'

EOT @ 5747'

5828-5838'

PBTB @ 5872'

TD @ 5900

Frac BS sds w/ 37,662#s of 20/40 sand in 535 bbls of Lightning 17 fluid. Broke @ 3685 psi. Treated w/ ave pressure of 2385 psi w/ ave rate of 23.5 BPM. ISIP 2409 psi. Calc Flush: ? Actual flush: 5321 gals.

12/14/07 5828'-5838'

Frac CP3 sds w/ 39,505#s of 20/40 sand in 465 bbls of Lightning 17 fluid. Broke @ 1750 psi. Treated w/ ave pressure of 2332 psi w/ ave rate of 20.6 BPM. ISIP 2282 psi. Calc flush: Actual Flush: 5048 gals.

12/14/07 5558'-5570'

Frac CP1 sds w/ 50,243#s of 20/40 sand in 456 bbls of Lightning 17 fluid. Broke @ 1969 psi. Treated w/ ave pressure of 2121 psi w/ ave rate of 20.6 BPM. ISIP 2179 psi. Calc Flush: ? Actual Flush: 4855 gals.

12/14/07 5446'-5456'

Frac D1 & D2 sds w/ 73,020#s of 20/40 sand in 652 bbls of Lightning 17 fluid. Broke @ 1605 psi. Treated w/ ave pressure of 1792 psi w/ ave rate of 20.7 BPM. ISIP 2037 psi. Calc flush: ? Actual Flush: 4460 gals.

12/14/07 4546'-4561'

10-1-08

Pump Change updated rod & tubing details.

10-01-10

Recompletion

9-28-10 4932-4561

Frac w/44516# of Frac A1 20/40 sand on 255bbls of lightning 17 fluid.

9-28-10 4767-4773

Frac w/50785# of Frac A1 20/40 sand on 287bbls of lightning 17 fluid

4757-4759'

4767-4773'

4932-4946'

5446-5456'

PERFORATION RECORD

12/06/07	5828-5838'	4 JSPF	40 holes
12/14/07	5558-5570'	4 JSPF	48 holes
12/14/07	5446-5456'	4 JSPF	40 holes
9/28/10	4932-4946'	4JSPF	42 holes
9/28/10	4767-4773'	4JSPF	18holes
9/28/10	4757-4759'	4JSPF	6 holes
12/14/07	4599-4605'	4 JSPF	24 holes
12/14/07	4546-4561'	4 JSPF	60 holes

NEWFIELD

Federal 10-19-9-16
 1890' FSL & 2146' FEL
 NW/SE Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33159; Lease #UTU-74391

KS 1/30/13

Spud Date: 10-09-07
 Put on Production: 1-8-08
 GL: 6199' KB: 6211'

Federal 11-19-9-16

SURFACE CASING

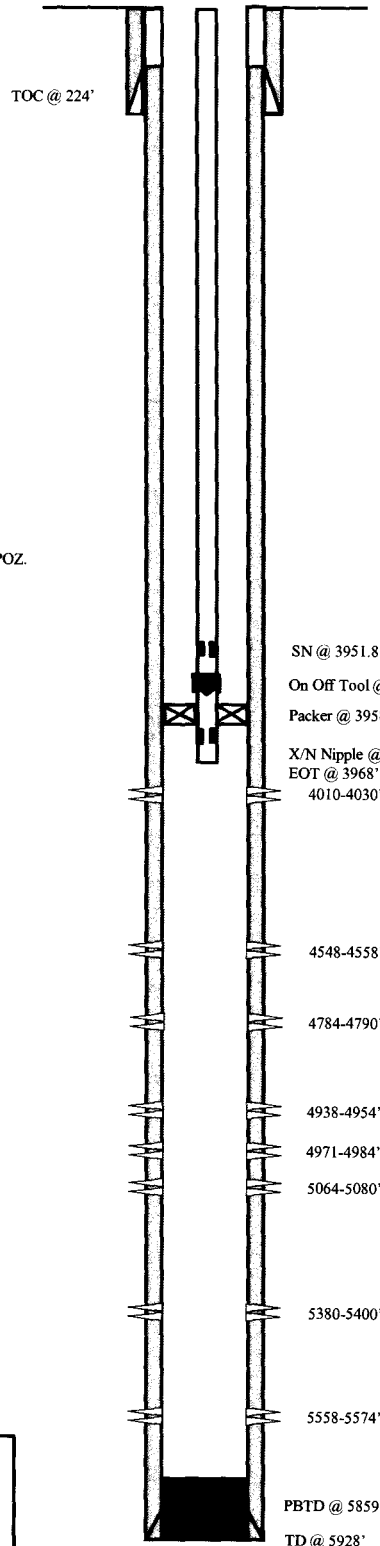
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.34')
 DEPTH LANDED: 320.34'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 8 bbl to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152jts. (5907.45')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5905.45'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 224' per CBL 12/14/07

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 125 jts (3939.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3951.8' KB
 ON/OFF TOOL AT: 3952.9'
 ARROW #1 PACKER CE AT: 3957.69'
 XO 2-3/8 x 2-7/8 J-55 AT: 3961.4'
 TBG PUP 2-3/8 J-55 AT: 3961.9'
 X/N NIPPLE AT: 3966'
 TOTAL STRING LENGTH: EOT @ 3967.6'

Injection Wellbore
DiagramFRAC JOB

12-26-07	5558-5574'	Frac CP2 sands as follows: Frac with 59775# 20/40 sand in 533bbls Lightning 17 fluid. Treat at 1825 psi @ 23 BPM. ISIP 2111 psi.
12-26-07	5380-5400'	Frac LODC sands as follows: Frac with 59263# 20/40 sand in 528 bbls Lightning 17 fluid. Treat at 2001psi @ 23.1 BPM. ISIP 2364psi.
12-27-7	5064-5080'	Frac LODC sands as follows: Frac with 75331# 20/40 sand in 618 bbls Lightning 17 fluid. Treat at 2507 psi @ 29.1 BPM. ISIP 2905 psi.
12-27-07	4938-4984'	Frac A3 & A1 sand as follows: Frac with 110221# 20/40 sand in 881 bbls Lightning 17 fluid. Treat at 1743 psi @ 23 BPM. ISIP 2079 psi.
12-27-07	4784-4790'	Frac B.5 sands as follows: Frac with 20091# 20/40 sand in 301 bbls Lightning 17 fluid. Treat at 2034 psi @ 23 BPM. ISIP 2027 psi.
12-27-07	4548-4558'	Frac D1 sands as follows: Frac with 50552# 20/40 sand in 442 bbls Lightning 17 fluid. Treat at 1639 psi @ 23.1 BPM. ISIP 2088 psi.
12-27-07	4010-4030'	Frac GB4 sands as follows: Frac with 44039# 20/40 sand in 416 bbls Lightning 17 fluid. Treat at 1391 psi @ 23 BPM. ISIP 1434 psi.
9-16-08		Parted rod. Updated rod & tubing details.
6/15/09		Tubing Leak. Updated r & t details.
09/04/13		Convert to Injection Well
09/05/13		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

4010-4030'	4 JSPF	80 holes
4548-4558'	4 JSPF	40 holes
4784-4790'	4 JSPF	24 holes
4938-4954'	4 JSPF	64 holes
4971-4984'	4 JSPF	52 holes
5064-5080'	4 JSPF	64 holes
5380-5400'	4 JSPF	80 holes
5558-5574'	4 JSPF	64 holes

NEWFIELD

Federal 11-19-9-16
 1778' FSL & 2197' FWL
 NESW Section 19-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33160; Lease #UTU-74391

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 16-19-9-16**Sample Point: **Treater**Sample Date: **7/17/2013**Sample ID: **WA-248316**Sales Rep: **Michael McBride**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	7/24/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	8422.52	Chloride (Cl):	12000.00
System Pressure 1 (psig):	60	Potassium (K):	26.00	Sulfate (SO ₄):	631.00
System Temperature 2 (°F):	210	Magnesium (Mg):	4.00	Bicarbonate (HCO ₃):	976.00
System Pressure 2 (psig):	60	Calcium (Ca):	3.00	Carbonate (CO ₃):	
Calculated Density (g/ml):	1.012	Strontium (Sr):	2.20	Acetic Acid (CH ₃ COO)	
pH:	8.10	Barium (Ba):	0.09	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	22081.41	Iron (Fe):	1.30	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.19	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.09	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	5.00	Manganese (Mn):	0.04	Silica (SiO ₂):	14.98

Notes:

B=8

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.10	0.50	0.00	0.00	2.19	0.71	1.69	0.93	0.00	0.00	0.00	0.00	0.00	0.00	8.10	0.10
200.00	60.00	0.05	0.25	0.00	0.00	2.17	0.71	1.65	0.92	0.00	0.00	0.00	0.00	0.00	0.00	8.19	0.10
190.00	60.00	0.00	0.00	0.00	0.00	2.16	0.71	1.60	0.92	0.00	0.00	0.00	0.00	0.00	0.00	8.28	0.10
180.00	60.00	0.00	0.00	0.00	0.00	2.16	0.71	1.55	0.92	0.00	0.00	0.00	0.00	0.00	0.00	8.37	0.10
170.00	60.00	0.00	0.00	0.00	0.00	2.16	0.71	1.50	0.91	0.00	0.00	0.00	0.00	0.00	0.00	8.47	0.10
160.00	60.00	0.00	0.00	0.00	0.00	2.17	0.71	1.44	0.91	0.00	0.00	0.00	0.00	0.00	0.00	8.58	0.10
150.00	60.00	0.00	0.00	0.00	0.00	2.18	0.71	1.39	0.90	0.00	0.00	0.00	0.00	0.00	0.00	8.70	0.10
140.00	60.00	0.00	0.00	0.00	0.00	2.20	0.71	1.34	0.90	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.10
130.00	60.00	0.00	0.00	0.00	0.00	2.22	0.71	1.28	0.89	0.00	0.00	0.00	0.00	0.00	0.00	8.96	0.10
120.00	60.00	0.00	0.00	0.00	0.00	2.26	0.71	1.22	0.89	0.00	0.00	0.00	0.00	0.00	0.00	9.10	0.10

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

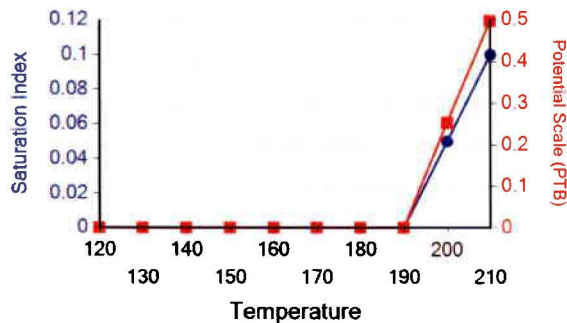
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.11	8.84	0.04	2.55	5.72	0.12	0.70	7.44	1.01
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.11	8.99	0.04	2.13	5.05	0.00	0.00	7.14	1.01
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.10	9.16	0.04	1.69	4.24	0.00	0.00	6.84	1.01
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.10	9.32	0.04	1.25	3.32	0.00	0.00	6.54	1.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.09	9.50	0.04	0.81	2.28	0.00	0.00	6.23	1.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.08	9.70	0.04	0.36	1.14	0.00	0.00	5.93	1.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.07	9.90	0.04	0.00	0.00	0.00	0.00	5.62	1.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.05	10.11	0.04	0.00	0.00	0.00	0.00	5.32	0.99
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.03	10.34	0.04	0.00	0.00	0.00	0.00	5.02	0.98
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.59	0.04	0.00	0.00	0.00	0.00	4.73	0.98

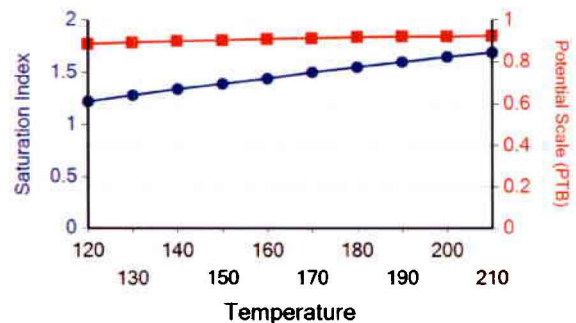
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These scales have positive scaling potential under final temperature and pressure: Iron Sulfide Iron Carbonate Zinc Sulfide Lead Sulfide Fe Silicate

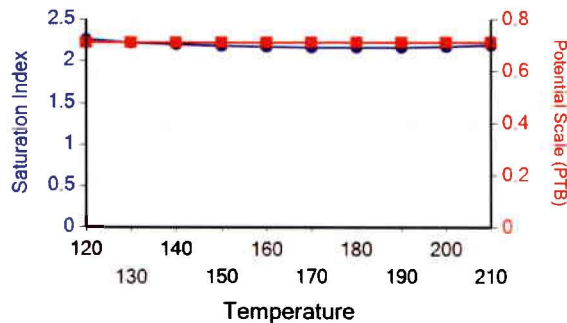
Calcium Carbonate



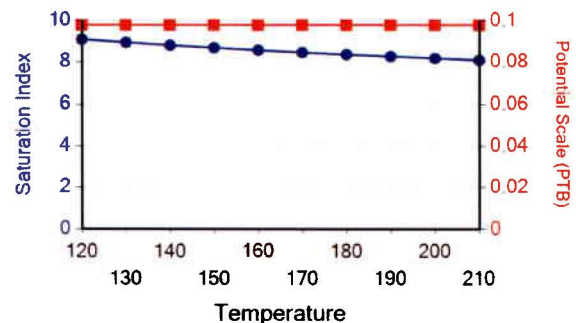
Iron Carbonate



Iron Sulfide

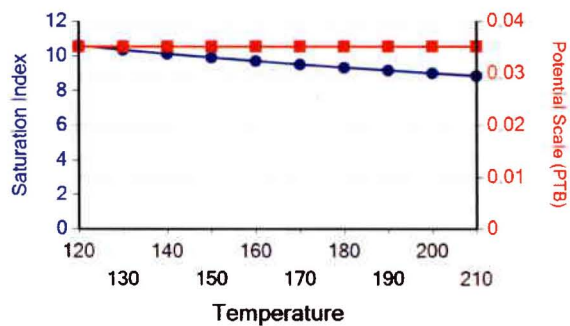


Zinc Sulfide

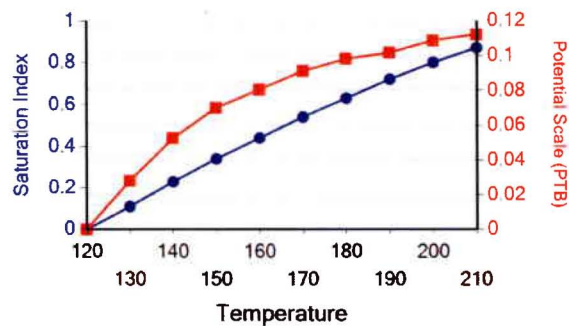


Water Analysis Report

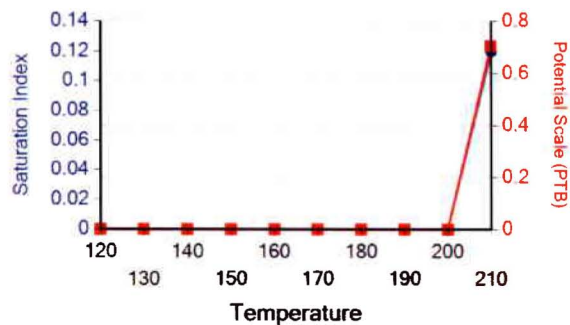
Lead Sulfide



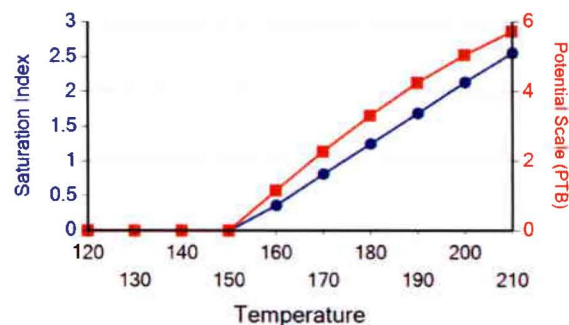
Zinc Carbonate



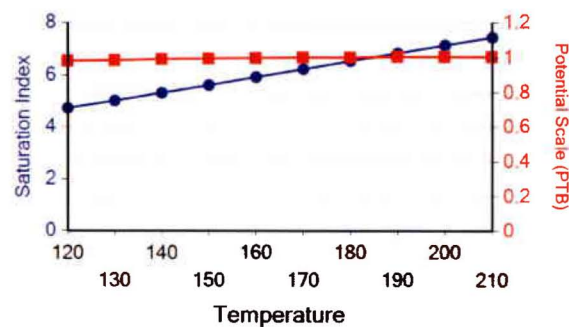
Ca Mg Silicate



Mg Silicate



Fe Silicate



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **SWDIF**Sample Point: **After Filter**Sample Date: **12/4/2012**Sample ID: **WA-229142**Sales Rep: **Michael McBride**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/5/2012	Cations		Anions	
System Temperature 1 (°F):	120.00	mg/L		mg/L	
System Pressure 1 (psig):	60.0000	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Temperature 2 (°F):	210.00	Potassium (K):	11.00	Sulfate (SO4):	120.00
System Pressure 2 (psig):	60.0000	Magnesium (Mg):	26.00	Bicarbonate (HCO3):	366.00
Calculated Density (g/ml):	0.999	Calcium (Ca):	46.20	Carbonate (CO3):	
pH:	6.80	Strontium (Sr):		Acetic Acid (CH3COO)	
Calculated TDS (mg/L):	2304.49	Barium (Ba):	0.17	Propionic Acid (C2H5COO)	
CO2 in Gas (%):		Iron (Fe):	0.13	Butanoic Acid (C3H7COO)	
Dissolved CO2 (mg/L):	15.00	Zinc (Zn):	0.02	Isobutyric Acid ((CH3)2CHCOO)	
H2S in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
H2S in Water (mg/L):	2.50	Ammonia NH3:		Bromine (Br):	
		Manganese (Mn):	0.04	Silica (SiO2):	

Notes:

9:30

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

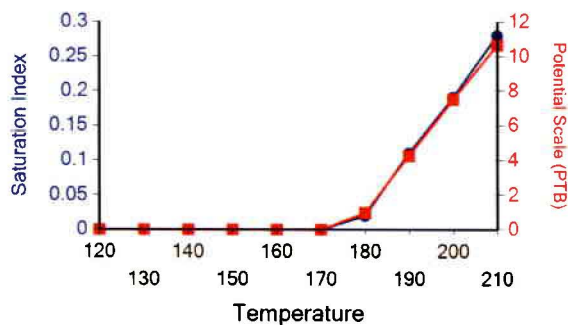
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

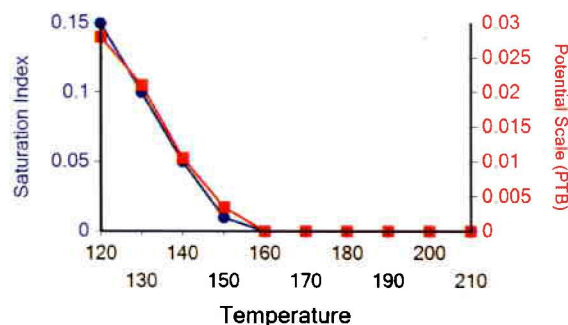
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide

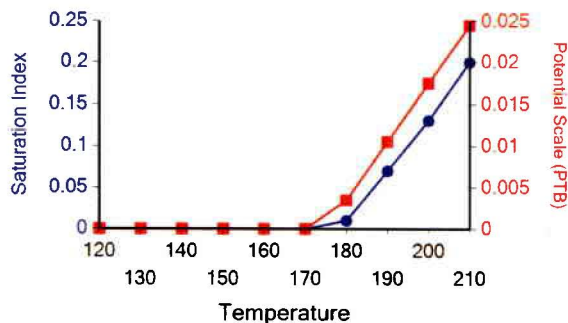
Calcium Carbonate



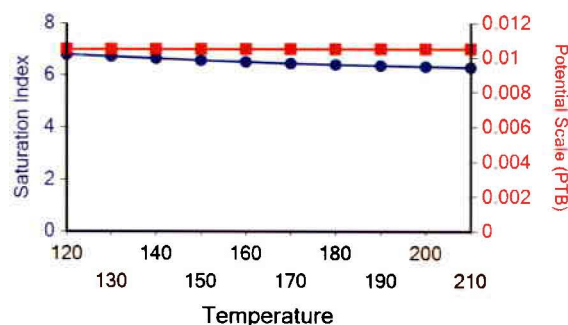
Barium Sulfate



Iron Sulfide



Zinc Sulfide



Attachment "G"

**Federal #16-19-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5113	5124	5119	2765	0.97	2732
4888	4897	4893	2240	0.89	2208
4664	4672	4668	1950	0.85	1920
4514	4520	4517	1930	0.86	1901 ←
				Minimum	<u>1901</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$

where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report

Format For Sundry

FEDERAL 16-19-9-16

12/1/2007 To 4/29/2008

1/29/2008 Day: 1

Completion

Rigless on 1/28/2008 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5774' & cement top @ 114'. Perforate stage #1, LODC sds @ 5113-5124' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°) w/ 4 spf for total of 44 shots. 137 bbls EWTR. SIFN.

2/9/2008 Day: 2

Completion

Rigless on 2/8/2008 - Stage #1, LODC sands. RU BJ Services. 57 psi on well. Frac LODC sds w/ 50,640#'s of 20/40 sand in 476 bbls of Lightning 17 fluid. Broke @ 2803 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2517 psi @ ave rate of 22 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2765 psi. Leave pressure on well. 613 BWTR Stage #2, A1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 9' perf gun. Set plug @ 5000'. Perforate A1 sds @ 4888-4897' w/ 3-1/8" Slick Guns (19 gram, .39" HE, 120°, 42.5" pen, Titan EXP 3319-331T) w/ 4 spf for total of 36 shots. RU BJ Services. 2255 psi on well. Frac A1 sds w/ 30,199#'s of 20/40 sand in 394 bbls of Lightning 17 fluid. Broke @ 3996 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2251 psi @ ave rate of 19.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2240 psi. Leave pressure on well. 1007 BWTR Stage #3, C sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 8' perf gun. Set plug @ 4760'. Perforate C sds @ 4664- 4672' w/ 3-1/8" Slick Guns (19 gram, .39" HE, 120°, 42.5" pen, Titan EXP-3319-331T) w/ 4 spf for total of 32 shots. RU BJ Services. 1532 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services. Frac C sds w/ 34,297#'s of 20/40 sand in 404 bbls of Lightning 17 fluid. Broke @ 3569 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2310 psi @ ave rate of 27.6 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1950 psi. Leave pressure on well. 1411 BWTR Stage #4, D1 sands. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 6' perf gun. Set plug @ 4620'. Perforate D1 sds @ 4514- 4520' w/ 3-1/8" Slick Guns (19 gram, .39" HE, 120°, 42.5" pen, Tital EXP-3319-331T) w/ 4 spf for total of 24 shots. RU BJ Services. 1770 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. 1646 psi on well. RU BJ services. Pressured up to 4200 psi, Would not break down. RU WL & dump ball acid (2 times due to misrun). RU BJ Services. 1210 psi on well. Pressured up to 4200 psi, Would not breakdown. Shut in well w/ 4000 psi. 1411 BWTR.

2/10/2008 Day: 3

Completion

Rigless on 2/9/2008 - 650 psi on well. RU BJ Services & pump on D1 sds--takes fluid @ 2200 psi. Frac D1 sds W/ 28,511# 20/40 sd in 381 bbls Lightning 17 fluid. Pumped 780 gals of fresh wtr mixed W/ 30 gals of Techni-hib 767W. Treated @ ave press of 2109 psi W/ ave rate of 27.2 BPM. ISIP-1930 psi. RD BJ & WLT. RU to flowback well. Rec est 60 BTF in 1 hour--well went on vacuum. SIFN W/ est 1732 BWTR.

2/13/2008 Day: 4

Completion

Leed #712 on 2/12/2008 - MIRU Leed #712. Well on vacuum. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. RU floor & tbg works. Lay pump lines & talley tbg. SIFN W/ est 1732 BWTR.

2/14/2008 Day: 5

Completion

Leed #712 on 2/13/2008 - Talley, drift, PU & TIH W/ new Weatherford 4 3/4" chomp bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Tag fill @ 4500'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4500', plug @ 4620' in 15 minutes; sd @ 4730', plug @ 4760' in 25 minutes; no sd, plug @ 5000' in 30 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5638'. PU swivel. Drill plug remains & sd to 5765' (lack 9' f/ FC depth of 5774'). Circ hole clean. Lost est 120 BW during cleanout. RD swivel & pull EOT to 5635'. SIFN W/ est 1852 BWTR.

2/16/2008 Day: 6

Completion

Leed #712 on 2/15/2008 - Hot oiler steamed & thawed out WH, Tbg & BOP. 0 psi on well. RU swab equipment. IFL @ surface. Made 12 runs. Rec 170 BTF. FFI 700'. Trace oil, No sand. RD swab equipment. PU & RIH w/ 5 jts of tbg. Tagged sand @ 5770'. Circulate clean down to PBTD @ 5774'. LD 20 jts of tbg. TOH w/ tbg. 120 jts out well started blowing gas. Circulated well. TOH w/ 20 jts. Well started flowing heavy gas (22 jts of tbg & bit left in hole). Chained down tbg & Shut in well. Bullhead 70 BW down tbg. Well still flowing heavy gas. ISIP 600 psi. SIFN W/ est 182 BWTR. Will haul in brine wtr to kill well on Monday.

2/19/2008 Day: 7

Completion

Leed #712 on 2/18/2008 - Thaw well. Bleed down well to 200 psi., started flowing oil. RU hotoiler to tbg. Pump 130 bbls brine down tbg. to kill well. RIH w/ tbg. to 2000'. RU pump to tbg. Pump 130 bbls brine down tbg. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 162 jts 2 7/8" tbg. ND BOP. Set TAC @ 5101' w/ 14,000# tension. NU wellhead. SWIFN.

2/20/2008 Day: 8

Completion

Leed #712 on 2/19/2008 - Thaw well. RIH w/ CDI 2 1/2" x 1 1/2" x 14' x 18' RHAC pump, 6- 1 1/2" weight bars, 136- 3/4" guided rods, 62- 7/8" guided rods, 1- 8', 6', 2' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Put well on production @ 4:00 p.m. 120" stroke length, 5 spm. Final Report.

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4229'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 172' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 44 sx Class "G" cement down 5 ½" casing to 375'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 16-19-9-16

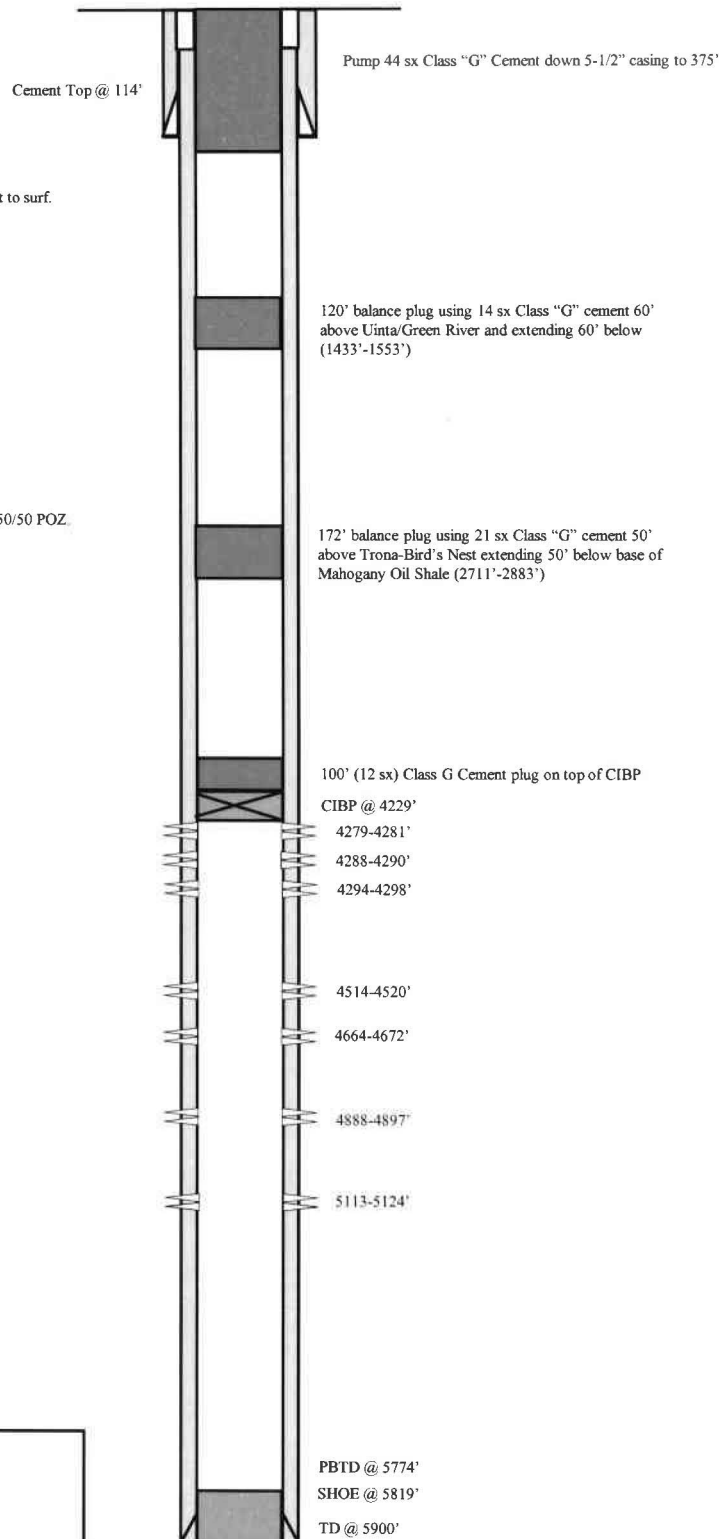
Spud Date: 10/31/07
 Put on Production: 02/19/08
 GL: 6180' KB: 6192'

Proposed P & A
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.64' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5805.80')
 DEPTH LANDED: 5819.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ
 CEMENT TOP: 114'

**NEWFIELD****FEDERAL 16-19-9-16**

467' FSL & 733' FEL

SE/SE Section 19-T9S-R16E

Duchesne Co, Utah

API #43-013-33163; Lease # UTU-74391

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74391
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 16-19-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0467 FSL 0733 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 19 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013331630000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/20/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; margin-top: 20px;"> The above reference well was put on injection at 2:40 PM on 04/20/2014. </div> <div style="text-align: right; margin-top: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 17, 2015 </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/18/2014	